

300 E. Mineral Ave., Suite 10 Littleton, CO 80122-2631 303/781-8211 303/781-1167 Fax

August 31, 2006

Fluid Minerals Group Bureau of Land Management Vernal Field Office 170 South 500 East Vernal, Utah 84078

RE: Application for Permit to Drill—Dominion Exploration & Production, Inc.

RBU 18-15E

Surface Location: 125' FNL & 1,570' FWL, NE/4 NW/4,
Target Location: 1,000' FNL & 2,100' FWL, NE/4 NW/4,
Section 15, 10S, R19E, SLB&M, Uintah County, Utah

Dear Fluid Minerals Group:

On behalf of Dominion Exploration & Production, Inc. (Dominion), Buys & Associates, Inc. respectfully submits the enclosed original and three copies of the Application for Permit to Drill (APD) for the above referenced BLM administered directional 20-acre in-field well. The location of the surface and target location as well as all points along the intended well bore path are not within 460 feet of the unit boundary or any uncommitted tracts. Included with the APD is the following supplemental information:

Exhibit "A" - Survey plats, layouts and photos of the proposed well site;

Exhibit "B" - Proposed location maps with access and utility corridors;

Exhibit "C" - Production site layout;

Exhibit "D" - Drilling Plan:

Exhibit "E" - Surface Use Plan;

Exhibit "F" - Typical BOP and Choke Manifold diagram.

Please accept this letter as Dominion's, written request for confidential treatment of all information contained in and pertaining to this application.

Thank you very much for your timely consideration of this application. Please feel free to contact myself or Carla Christian of Dominion at 405-749-5263 if you have any questions or need additional information.

Sincerely,

Don Hamilton
Agent for Dominion

cc: Diana Whitney, Division of Oil, Gas and Mining Carla Christian, Dominion Ken Secrest, Dominion

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Form 3160-3 (February 2005) UNITED STATES DEPARTMENT OF THE BUREAU OF LAND MAN	INTE IAGE	MENT		FORM AP OMB No. 1 Expires Mar 5. Lease Serial No. U-013766 6. If Indian, Allotee of	004-0137 rch 31, 200	
la. Type of work: DRILL REENT.	ED.			7 If Unit or CA Agreen	nent, Nam	ne and No.
la. Type of work: ✓ DRILL REENT	CK			River Bend Unit	t	
lb. Type of Well: Oil Well Gas Well Other		✓ Single Zone Multip	ole Zone	8. Lease Name and We RBU 18-15E	ell No.	
2. Name of Operator Dominion Exploration & Production, I	nc.			9. API Well No.	-04	 7-3859
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134		none No. (include area code) 105-749-5263		10. Field and Pool, or Ex Natural Buttes	ploratory	
4. Location of Well (Report location clearly and in accordance with a	ny State	requirements.*)		11. Sec., T. R. M. or Blk	and Surv	ey or Area
At surface 125' FNL & 1,570' FWL, NE/4 NW At proposed prod. zone 1,000' FNL & 2,100' FWL, NE/4 N	•			Section 15, T108	S, R19E,	SLB&M
14. Distance in miles and direction from nearest town or post office*				12. County or Parish		13. State
10.53 miles southwest of Ouray, Utah				Uintah		UT
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 125'		No. of acres in lease	17. Spacin	g Unit dedicated to this we res	all	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 10'		Proposed Depth 800' TVD (9,061' MD)	20. BLM/I WY 3	BIA Bond No. on file		-
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,114' GR	22 /	Approximate date work will sta 05/01/2007	rt*	23. Estimated duration 14 days	."	
	24.	Attachments				
The following, completed in accordance with the requirements of Onsho	re Oil a	nd Gas Order No.1, must be a	ttached to th	is form:		
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office). 	Lands,	the 5. Operator certific	cation	ns unless covered by an e	-	
25. Signature Hamilton		Name (Printed/Typed) Don Hamilton	- 10000	1	Date 08/31	1/2006
Title Agent for Pomifien						
Approved by (Signiture)		Name (Printed/Typed) RRADI FY	G HII		Date	-25-06
Title		Offie NVIRONMENTA	L MANA	GER		

Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to

*(Instructions on page 2)

conduct operations thereon.

Federal Approval of this Action is Necessary

Surf

604885X 44231974 39. 954 304 709.772123 BHL 605059X

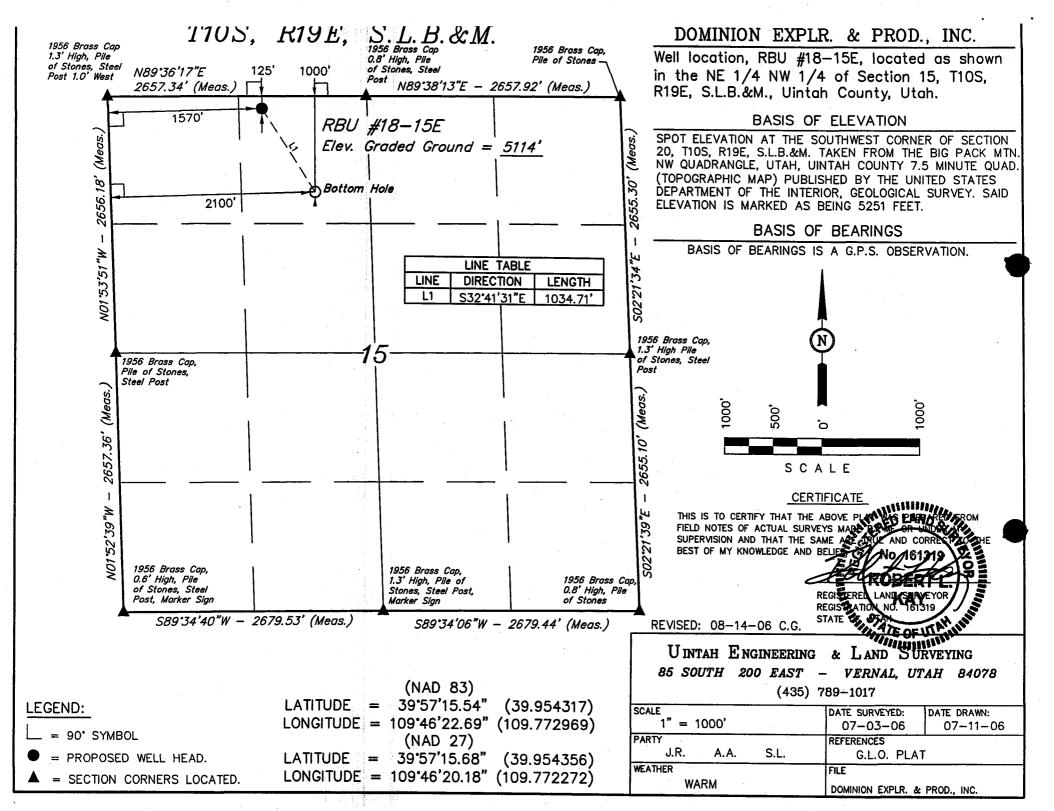
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-109.770126 DIV. OF OIL, GAS & MINING



APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

RBU 18-15E

SHL: 125' FNL & 1570' FWL Section 15-10S-19E BHL: 1000' FNL & 2100' FWL Section 15-10S-19E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Wasatch Tongue	4,260'
Uteland Limestone	4,620'
Wasatch	4,780'
Chapita Wells	5,710'
Uteland Buttes	6,980'
Mesaverde	7.850

3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Wasatch Tongue	4,260'	Oil
Uteland Limestone	4,620'	Oil
Wasatch	4,780'	Gas
Chapita Wells	5,710'	Gas
Uteland Buttes	6,980'	Gas
Mesaverde	7,850'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	<u>Size</u>	Weight	<u>Grade</u>	Conn.	<u>Top</u>	Bottom	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0,	500'	17-½"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0,	3,475'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,800'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	Mud Weight (ppg)	Mud System
0'-500'	8.4	Air foam mist, no pressure control
500' - 3,475'	8.6	Fresh water, rotating head and diverter
3.475' - 8.800'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- · No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY

- · No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

- a. Surface Cement:
 - Drill 17-½" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.
- b. Intermediate Casing Cement:
 - Drill 12-1/4" hole to 3,475'±, run and cement 9-5/8" to surface.
 - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
 - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
 - Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	<u>Cement</u>
Type	Sacks	<u>Interval</u>	Density	Yield	<u>Volume</u>	<u>Volume</u>
Lead	408	0'-2,975'	10.5 ppg	4.14 CFS	966 CF	1,690 CF
Tail	254	2,975'-3,475'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield:

4.14 cf/sack

Slurry weight: 10.5 #/gal.

10 5 #/mal

Water requirement:

26.07 gal/sack

Compressives (a), 110°F: 72 psi after 24 hours

Tail Mix:

Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.

Slurry yield:

1.20 cf/sack

Slurry weight: 1:

15.6 #/gal.

Pump Time: 1 hr. 5 n

: 1 hr. 5 min. @ 110 °F.

Compressives (a) 110 °F: 2,500 psi after 24 hours

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,800'±, run and cement 5 1/2".
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
- Displace with 2% KCL.
- Production casing to be centralized with 30 centralizers.

					<u>Hole</u>	Cement
Type	Sacks	<u>Interval</u>	Density	Yield	Volume	<u>Volume</u>
Lead	90	3,980'-4,780'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	800	4,780'-8,800'	13.0 ppg	1.75 CFS	696 CF	1393 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch + 15%.

Lead Mix:

Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield:

3.12 cf/sack

Slurry weight:

11.60 #/gal.

Water requirement:

17.71 gal/sack

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Compressives (a), 130°F: 157 psi after 24 hours

Tail Mix:

Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield:

1.75 cf/sack

Slurry weight:

13.00 #/gal.

Water requirement:

9.09 gal/sack

Compressives (a), 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date:

May 1, 2007

Duration:

14 Days

Dominion Exploration & Production Azimuths to True North Magnetic North: 11.79° Field: Uintah County, Utah Magnetic Field Strength: 52801nT Dip Angle: 65.90° Date: 8/23/2006 Model: igrf2005 Site: RBU 18-15E Well: RBU 18-15E Wellpath: Original Hole Plan: Plan #1 FIELD DETAILS Uintah County, Utah Utah - Natural Buttes USA 0° 540 MD Start Build 3.00 Geodetic System: US State Ellipsoid: GRS 199 Zone: Utah, Ce Magnetic Model: igrf2005 US State Plane Coordinate System 1983 GRS 1980 Utah, Central Zone 1200-System Datum: Mean Sea Level Local North: True North 39° 1842 MD Start Hold 427 608 39° 2130 MD Start Drop -3.00 West(-)/East(+) [500ft/in] SITE DETAILS RBU 18-15E Sec 15 10S, 19 E Ulntah County, Utah 200 400 600 800 2400-0 Site Centre Latitude: 39°57'15.540N Longitude: 109°46'22.690W South(-)/North(+) [500fl/in] Ground Level: 5114.00 Positional Uncertainty: 0.00 Convergence: 1.11 -200 0° 3431 MD Start Hold 1035 Vertical Point -400 Intermediate 3600 True Vertical Depth [1200ft/in] WELLPATH DETAILS -600 Wasatch Tonque PBHL Original Hole Rig: Ref. Datum: Vertical Point Uteland Limestone Est RKB 5130.00ft -800 V.Section Origin +E/-W Starting From TVD 4800 -1000-Wasatch 0.00 8800.00 147.31° 0.00 Chapita Wells WELL DETAILS Name +N/-S +E/-W Northing Easting Latitude Longitude Slot 6000 2124515.26 39°57'15,540N 109°46'22,690W **RBU 18-15E** 0.00 0.00 7156771.60 N/A **Uteland Buttes** FORMATION TOP DETAILS TARGET DETAILS **TVDPath MDPath** No. Formation 7200 Name 4521.23 4881.23 5041.23 5971.23 7241.23 8111.23 Wasatch Tongue Uteland Limestone 4260.00 3170.00 8800.00 -870.80 -870.80 4620.00 4780.00 5710.00 Wasatch Chapita Wells Uteland Buttes Mesaverde 6980.00 7850.00 8400-SECTION DETAILS 1035 **TFace** MD TVD +N/-S +E/-W DLeg VSec Target Sec inc Azi 8800 PBHI. 147.31 147.31 147.31 147.31 147.31 147.31 0.00 540.00 1743.22 1966.79 3170.00 8800.00 0,00 0,00 -359.08 -511.72 -870.80 -870.80 0.00 0.00 230.46 328.42 558.87 0.00 0.00 147.31 0.00 180.00 147.31 0.00 0.00 426.67 608.04 1034.71 1034.71 0.00 0.00 3.00 0.00 3.00 0.00 0.00 540.00 0.00 123456 39.05 39.05 0.00 0.00 1841.68 2129.57 Vertical Point PBHL Ó 1200 2400 Vertical Section at 147.31° [1200ft/in] Date: 8/25/20 Ryan Energy Technolo 19510 Oil Center Blvd Houston, TX 77073 Ph; 281-443-1414 Fx; 281-443-1676 Ryan the leader in



Ryan Energy Technologied **Planning Report**



Company: Dominion Exploration & Product

Field:

Uintah County, Utah

RBU 18-15E Site: **RBU 18-15E** Well:

Wellpath: Original Hole

Vertical (TVD) Reference: Section (VS) Reference:

Time: 10:39:55

Co-ordinate(NE) Reference: Well: RBU 18-15E, True North

Est RKB 5130.0

Well (0.00N,0.00E,147.31Azi) Plan #1

Field:

Uintah County, Utah

Utah - Natural Buttes

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone:

Date: 8/25/2006

Coordinate System: Geomagnetic Model: Utah, Central Zone Well Centre

igrf2005

Site:

RBU 18-15E

Sec 15 10S, 19 E

Ulntah County, Utah

Site Position:

Ground Level:

Well Position:

Geographic

From: Position Uncertainty:

0.00 ft 5114.00 ft

7156771.60 ft Northing: **Easting:**

2124515.26 ft

Latitude: Longitude: North Reference:

Slot Name:

Grid Convergence:

15.540 N 109 46 22.690 W

True 1.11 deg

Well:

RBU 18-15E

+N/-S +E/-W

Est RKB

0.00 ft 0.00 ft

Northing: 7156771.60 ft Easting: 2124515.26 ft

Latitude: Longitude:

15.540 N 39 57 46 22.690 W

Position Uncertainty:

Current Datum:

Magnetic Data:

Field Strength:

Vertical Section:

Wellpath: Original Hole

0.00 ft

52801 nT

8/23/2006

Depth From (TVD)

ft

8800.00

Height 5130.00 ft

+N/-S

ft

0.00

Drilled From: Tie-on Depth:

Above System Datum: Declination:

Surface 0.00 ft Mean Sea Level 11.79 deg

Mag Dip Angle: +E/-W

65.90 deg Direction deg

ft 0.00 147.31

Plan:

Principal:

Plan #1

Date Composed: Version:

Tied-to:

8/23/2006 From Surface

Plan Section Information

Yes

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	147.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
540.00	0.00	147.31	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
1841.68	39.05	147.31	1743.22	-359.08	230.46	3.00	3.00	0.00	147.31	
2129.57	39.05	147.31	1966.79	-511.72	328.42	0.00	0.00	0.00	0.00	•
3431.23	0.00	147.31	3170.00	-870.80	558.87	3.00	-3.00	0.00	180.00	Vertical Point
9061.23	0.00	147.31	8800.00	-870.80	558.87	0.00	0.00	0.00	147.31	PBHL

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100f	Build t deg/100fi	Turn t deg/100ft	Tool/Comment
540.00	0.00	147.31	540.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	1.80	147.31	599.99	-0.79	0.51	0.94	3.00	3.00	0.00	
700.00	4.80	147.31	699.81	-5.64	3.62	6.70	3.00	3.00	0.00	
800.00	7.80	147.31	799.20	-14.87	9.54	17. 67	3.00	3.00	0.00	
900.00	10.80	147.31	897.87	-28.47	18.27	33.83	3.00	3.00	0.00	
1000.00	13.80	147.31	995.57	-46.40	29.78	55.13	3.00	3.00	0.00	
1100.00	16.80	147.31	1092.01	-68.60	44.03	81.51	3.00	3.00	0.00	
1200.00	19.80	147.31	1186.94	-95.02	60.98	112.91	3.00	3.00	0.00	
1300.00	22.80	147.31	1280.10	-125.59	80.60	149.23	3.00	3.00	0.00	
1400.00	25.80	147.31	1371.23	-160.22	102.83	190.38	3.00	3.00	0.00	
1500.00	28.80	147.31	1460.08	-198.81	127.60	236.23	3.00	3.00	0.00	
1600.00	31.80	147.31	1546.41	-241.27	154.84	286.68	3.00	3.00	0.00	
1700.00	34.80	147.31	1629.98	-287.47	184.49	341.58	3.00	3.00	0.00	
1800.00	37.80	147.31	1710.57	-337.28	216.47	400.77	3.00	3.00	0.00	
1841.68	39.05	147.31	1743.22	-359.08	230.46	426.67	3.00	3.00	0.00	•



Ryan Energy Technologied **Planning Report**



Company: Dominion Exploration & Product

Field:

Uintah County, Utah

Site: RBU 18-15E Well: RBU 18-15E Wellpath: Original Hole

Date: 8/25/2006

Time: 10:39:55

Co-ordinate(NE) Reference: Well: RBU 18-15E, True North
Vertical (TVD) Reference: Est RKB 5130.0
Section (VS) Reference: Well (0.00N,0.00E,147.31Azi)

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	deg/100ft	
1900.00	39.05	147.31	1788.51	-390.00	250.30	463.42	0.00	0.00	0.00	· · · · · · · · · · · · · · · · · · ·
2000.00	39.05	147.31	1866.17	-443.02	284.33	526.42	0.00	0.00	0.00	
2100.00	39.05	147.31	1943.83	-496.04	318.36	589.42	0.00	0.00	0.00	
			1966.79			608.04	0.00	0.00	0.00	
2129.57	39.05	147.31		-511.72	328.42				0.00	
2200.00	36.94	147.31	2022.30	-548.21	351.83	651.40	3.00	-3.00	0.00	
2300.00	33.94	147.31	2103.76	-597.00	383.15	709.37	3.00	-3.00	0.00	•
2400.00	30.94	147.31	2188.15	-642.13	412.11	763.00	3.00	-3.00	0.00	
2500.00	27.94	147.31	2275.23	-683.49	438.66	812.14	3.00	-3.00	0.00	
2600.00	24.94	147.31	2364.76	-720.95	462.70	856.66	3.00	-3.00	0.00	
2700.00	21.94	147.31	2456.50	-754.42	484.18	896.43	3.00	-3.00	0.00	
2800.00	18.94	147.31	2550.20	-783.81	503.04	931.34	3.00	-3.00	0.00	
2900.00	15.94	147.31	2645.59	-809.02	519.22	961.30	3.00	-3.00	0.00	
3000.00	12.94	147.31	2742.42	-830.00	532.69	986.23	3.00	-3.00	0.00	•
3100.00	9.94	147.31	2840.42	-846.69	543.39	1006.06	3.00	-3.00	0.00	
3200.00	6.94	147.31	2939.33	-859.03	551.32	1020.73	3.00	-3.00	0.00	
2200 00	2.04	147 91	2029 97	987.04	556.44	1030.20	3.00	-3.00	0.00	
3300.00	3.94	147.31	3038.87	-867.01			3.00		0.00	
3400.00	0.94	147.31	3138.77	-870.59	558.73	1034.46		-3.00		Vestion! Del-t
3431.23	0.00	147.31	3170.00	-870.80	558.87	1034.71	3.00	-3.00	0.00	Vertical Point
3500.00	0.00	147.31	3238.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
3600.00	0.00	147.31	3338.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
3700.00	0.00	147.31	3438.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
3736.23	0.00	147.31	3475.00	-870.80	558.87	1034.71	0.00	0.00	0.00	Intermediate
3800.00	0.00	147.31	3538.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
	0.00	147.31	3638.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
3900.00					558.87	1034.71	0.00	0.00	0.00	
4000.00	0.00	147.31	3738.77	-870.80	10.000	1034.71	0.00	0.00	0.00	
4100.00	0.00	147.31	3838.77	-870.80	558.87	1034.71	0.00	0.00	0.00	•
4200.00	0.00	147.31	3938.77	-870.80	558.87	1034.71	00.0	0.00	0.00	
4300.00	0.00	147.31	4038.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
4400.00	0.00	147.31	4138.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
4500.00	0.00	147.31	4238.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
4504.00		447.04	4000.00	070.00	EE0 07	1034 74	0.00	0.00	0.00	Monatch Tanasia
4521.23	0.00	147.31	4260.00	-870.80	558.87	1034.71	0.00	0.00	0.00	Wasatch Tongue
4600.00	0.00	147.31	4338.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
4700.00	0.00	147.31	4438.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
4800.00	0.00	147.31	4538.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
4881.23	0.00	147.31	4620.00	-870.80	558.87	1034.71	0.00	0.00	0.00	Uteland Limestone
4900.00	0.00	147.31	4638.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
		147.31	4738.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
5000.00	0.00			-870.80 -870.80		1034.71	0.00	0.00	0.00	Wasatch
5041.23	0.00	147.31	4780.00		558.87			0.00	0.00	**a3a(U)1
5100.00	0.00	147.31	4838.77	-870.80	558.87	1034.71	0.00			
5200.00	0.00	147.31	4938.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
5300.00	0.00	147.31	5038.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
5400.00	0.00	147.31	5138.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
5500.00	0.00	147.31	5238.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
5600.00	0.00	147.31	5338.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
				-870.80 -870.80	558.87	1034.71	0.00	0.00	0.00	
5700.00	0.00	147.31	5438.77	-010.00	10.000	1004./1	0.00	0.00	0.00	
5800.00	0.00	147.31	5538.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
5900.00	0.00	147.31	5638.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
5971.23	0.00	147.31	5710.00	-870.80	558.87	1034.71	0.00	0.00	0.00	Chapita Wells
6000.00	0.00	147.31	5738.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
6100.00	0.00	147.31	5838.77	-870.80	558.87	1034.71	0.00	0.00	0.00	•
6200.00	0.00	147.31	5938.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
6300.00	0.00	147.31	6038.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
6400.00	0.00	147.31	6138.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
					558.87			0.00	0.00	



Ryan Energy Technologied **Planning Report**



Field:

Company: Dominion Exploration & Product

Uintah County, Utah

RBU 18-15E Site: **RBU 18-15E** Well: Wellpath: Original Hole

Date: 8/25/2006 Time: 10:39:55
Co-ordinate(NE) Reference: Well: RBU 18-15E, True North
Vertical (TVD) Reference: Est RKB 5130.0

Well (0.00N,0.00E,147.31Azi) Section (VS) Reference: Plan #1 Plan:

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
600.00	0.00	147.31	6338.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
	0.00	147.31	6438.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
6700.00	0.00		6538.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
6800.00	0.00	147.31	6638.77	-870.80 -870.80	558.87	1034.71	0.00	0.00	0.00	
6900.00	0.00	147.31			558.87	1034.71	0.00	0.00	0.00	
7000.00	0.00	147.31	6738.77	-870.80		1034.71	0.00	0.00	0.00	
7100.00	0.00	147.31	6838.77	-870.80	558.87	1034.71	0.00	0.00	3.00	
7200.00	0.00	147.31	6938.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
7241.23	0.00	147.31	6980.00	-870.80	558.87	1034.71	0.00	0.00	0.00	Uteland Buttes
7300.00	0.00	147.31	7038.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
7400.00	0.00	147.31	7138.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
7500.00	0.00	147.31	7238.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
700.00	0.00	197.31	1200.11	070.00					•	
7600.00	0.00	147.31	7338.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
7700.00	0.00	147.31	7438.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
7800.00	0.00	147.31	7538.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
7900.00	0.00	147.31	7638.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
8000.00	0.00	147.31	7738.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
5500.00	0.00									
8100.00	0.00	147.31	7838.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
8111.23	0.00	147.31	7850.00	-870.80	558.87	1034.71	0.00	0.00	0.00	Mesaverde
8200.00	0.00	147.31	7938.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
8300.00	0.00	147.31	8038.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
8400.00	0.00	147.31	8138.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
U-UU.UU	· 0.00	177.01	J 100.17	0, 0.00			*			
8500.00	0.00	147.31	8238.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
8600.00	0.00	147.31	8338.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
8700.00	0.00	147.31	8438.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
8800.00	0.00	147.31	8538.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
8900.00	0.00	147.31	8638.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
0300.00	0.00	177.01	3000	0, 0.00						
9000.00	0.00	147.31	8738.77	-870.80	558.87	1034.71	0.00	0.00	0.00	
9061.23	0.00	147.31	8800.00	-870.80	558.87	1034.71	0.00	0.00	0.00	PBHL

Targets										·
				Мар Мар	<	Latit	ıde>		Longitud	
Name Description	n TVD	+N/-S	+E/-W	Northing Easting	Deg	Min	Sec	Deg	Min S	ec
Dip.	Dir. ft	R	ft					1 (3) (A) (A)	In the second that is	
Vertical Point	3170.00	-870.80	558.87	7155911.752125090.84	39	57 6	.933 N	109	46 15.5	13 W
-Plan hit target										
PBHL	00.0088	-870.80	558.87	7155911.752125090.84	39	57 6	.933 N	109	46 15.5°	13 W
_Dian hit tarnet										1

Casing Poi	nts				
MD ft	TVD ft	Diameter in	Hole Size in	Name	
3736.23	3475.00	9.625	9.625	Intermediate	

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
521.23	4260.00	Wasatch Tongue		0.00	0.00
1881.23	4620.00	Uteland Limestone		0.00	0.00
5041.23	4780.00	Wasatch		0.00	0.00
5971.23	5710.00	Chapita Wells		0.00	0.00
	6980.00	Uteland Buttes		0.00	0.00
7241.23		 		0.00	0.00
8111.23	7850.00	Mesaverde		0.00	

SURFACE USE PLAN

CONDITIONS OF APPROVAL

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

RBU 18-15E

SHL: 125' FNL & 1570' FWL Section 15-10S-19E

BHL: 1000' FNL & 2100' FWL Section 15-10S-19E

Uintah County, UT

The dirt contractor will be provided with an approved copy of the surface use plan of operations before initiating construction.

The BLM onsite inspection for the referenced well was conducted on Wednesday, August 9, 2006 at approximately 11:00 pm. In attendance at the onsite inspection were the following individuals:

Karl Wright **Brandon McDonald** Nat. Res. Prot. Spec. Wildlife Biologist

Bureau of Land Management - Vernal

Ken Secrest

Field Foreman

Bureau of Land Management - Vernal Dominion E & P, Inc.

Brandon Bowthorpe

Surveyor

Uintah Engineering & Land Surveying

Billy McClure Randy Jackson **Foreman** Foreman LaRose Construction

Jackson Construction

Don Hamilton

Agent

Buys & Associates, Inc.

1. **Existing Roads:**

- No upgrades to existing roads and no new roads are proposed at this time since access will a. utilize the existing road to the existing well site.
- The proposed well site is located approximately 10.53 miles southwest of Ouray, UT. b.
- Directions to the proposed well site have been attached at the end of Exhibit B. c.
- The use of roads under State and County Road Department maintenance are necessary to d. access the River Bend Unit. However, an encroachment permit is not anticipated since no upgrades to the State or County Road system are proposed at this time.
- All existing roads will be maintained and kept in good repair during all phases of operation. e.
- Vehicle operators will obey posted speed restrictions and observe safe speeds commensurate e. with road and weather conditions.
- Since no improvements are anticipated to any State, County, Tribal or BLM access roads no f. topsoil striping will occur.
- An off-lease federal right-of-way is not anticipated for the access road or utility corridor g. since both are located within the existing River Bend Unit boundary and both utilize entirely existing disturbance.

2. Planned Access Roads:

- a. The proposed well utilizes the existing wellsite RBU 3-15E with no new access proposed.
- b. The operator will be responsible for all maintenance of the existing access road including drainage structures.

3. Location of Existing Wells:

Exhibit B has a map reflecting these wells within a one mile radius of the proposed well.

4. <u>Location of Production Facilities</u>:

- a. All permanent structures will be painted a flat, non-reflective Desert Brown or Carlsbad Canyon to match the standard environmental colors. All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) may be excluded.
- b. Site security guidelines identified in 43 CFR 3163.7-5 and Onshore Oil and Gas Order No. 3 will be adhered to.
- c. A gas meter run will be constructed and located on lease within 500 feet of the wellhead. Meter runs will be housed and/or fenced. All gas production and measurement shall comply with the provisions of 43 CFR 3162. 7-3, Onshore Oil and Gas Order No. 5, and American Gas Association (AGA) Report No. 3.
- d. A tank battery will be constructed on this lease, it will be surrounded by a dike of sufficient capacity to contain the storage capacity of the largest tank. All loading lines and valves will be placed inside the berm surrounding the tank battery. All liquid hydrocarbons production and measurement shall conform to the provisions of 43 CFR 3162.7-3 and Onshore Oil and Gas Order No. 4 and Onshore Oil and Gas Order No. 5 for natural gas production and measurement.
- e. Any necessary pits will be properly fenced to prevent any wildlife and livestock entry.
- f. All access roads will be maintained as necessary to prevent erosion and accommodate year-round traffic. The road will be maintained in a safe useable condition.
- g. The site will require periodic maintenance to ensure that drainages are kept open and free of debris, ice, and snow, and that surfaces are properly treated to reduce erosion, fugitive dust, and impacts to adjacent areas.
- f. No new pipeline corridors are proposed at this time since gas transportation will utilize the existing pipeline network to the existing well site.
- g. The existing pipeline will be upgrade to 10" or less, as needed, from the proposed well to the existing Tap 1 Facility to provide additional production transportation capacity from the proposed 20 acre in-field wells.
- h. The upgraded gas pipeline will be a 10" or less steel surface line within a 20' wide utility corridor. The use of the proposed well site and access roads will facilitate the staging of the pipeline construction.

i. Dominion intends on installing the upgraded pipeline on the surface by welding many joints into long lengths, dragging the long lengths into position and then completing a final welding pass to join the long lengths together. Dominion intends on connecting the pipeline together utilizing conventional welding technology.

5. <u>Location and Type of Water Supply:</u>

a. The location and type of water supply has been addressed as number 11 within the previous drilling plan information.

6. Source of Construction Material:

- a. The use of materials will conform to 43 CFR 3610.2-3.
- b. No construction materials will be removed from Ute Tribal or BLM lands.
- c. If any gravel is used, it will be obtained from a state approved gravel pit.

7. Methods of Handling Waste Disposal:

- a. All wastes associated with this application will be contained and disposed of utilizing approved facilities.
- b. Drill cuttings will be contained and buried on site.
- c. The reserve pit will be located outboard of the location and along the south side of the pad.
- The reserve pit will be constructed so as not to leak, break, or allow any discharge.
- e. The reserve pit will be lined with 16 mil minimum thickness plastic nylon reinforced liner material. The liner will overlay a felt liner pad only if rock is encountered during excavation. The pit liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed of in the pit. Pit walls will be sloped no greater than 2:1. A minimum 2-foot freeboard will be maintained in the pit at all times during the drilling and completion operation.
- f. The reserve pit has been located in cut material. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as drilling is completed, and shall remain until the pit is dry. After the reserve pit has dried, all areas not needed for production will be rehabilitated.
- g. No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completion of the well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completion of the well.
- h. Trash will be contained in a trash cage and hauled away to an approved disposal site as necessary but no later than at the completion of drilling operations. The contents of the trash container will be hauled off periodically to the approved Uintah County Landfill near Vernal, Utah.

- i. Produced fluids from the well other than water will be produced into a test tank until such time as construction of production facilities is completed. Any spills of oil, gas, salt water or other produced fluids will be cleaned up and removed.
- j. After initial clean-up, a 400 bbl tank will be installed to contain produced waste water. This water will be transported from the tank to an approved Dominion disposal well for disposal.
- k. Produced water from the production well will be disposed of at the RBU 13-11F or RBU 16-19F disposal wells in accordance with Onshore Order #7.
- 1. Any salts and/or chemicals, which are an integral part of the drilling system, will be disposed of in the same manner as the drilling fluid.
- m. Sanitary facilities will be on site at all times during operations. Sewage will be placed in a portable chemical toilet and the toilet replaced periodically utilizing a licensed contractor to transport by truck the portable chemical toilet so that its contents can be delivered to the Vernal Wastewater Treatment Facility in accordance with state and county regulations.

8. Ancillary Facilities:

a. Garbage Containers and Portable Toilets are the only ancillary facilities proposed in this application.

9. Well Site Layout: (See Exhibit B)

- a. The well will be properly identified in accordance with 43 CFR 3162.6.
- b. Access to the well pad will be from the east.
- c. The pad and road designs are consistent with BLM specification
- d. A pre-construction meeting with responsible company representative, contractors and the BLM will be conducted at the project site prior to commencement of surface-disturbing activities. The pad and road will be construction-staked prior to this meeting.
- e. The pad has been staked at its maximum size of 355' X 200'; however it will be constructed smaller if possible, depending upon rig availability. Should the layout change, this application will be amended and approved utilizing a sundry notice.
- f. All surface disturbing activities, will be supervised by a qualified, responsible company representative who is aware of the terms and conditions of the APD and specifications in the approved plans.
- g. All cut and fill slopes will be such that stability can be maintained for the life of the activity.
- h. Diversion ditches will be constructed as shown around the well site to prevent surface waters form entering the well site area.
- i. The site surface will be graded to drain away from the pit to avoid pit spillage during large storm events.
- j. The stockpiled topsoil (first 6 inches or maximum available) will be stored in a windrow on the uphill side of the location to prevent any possible contamination. All topsoil will be stockpiled for reclamation in such a way as to prevent soil loss and contamination.

- Pits will remain fenced until site cleanup. k.
- The blooie line will be located at least 100 feet from the well head. l.
- Water injection may be implemented if necessary to minimize the amount of fugitive dust. m.

Plans for Restoration of the Surface (Interim Reclamation and Final Reclamation): 10.

- Site reclamation for a producing well will be accomplished for portions of the site not a. required for the continued operation of the well.
- Upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 b. CFR 3162.7-1. Once the reserve pit is dry, the plastic nylon reinforced liner shall be torn and perforated before backfilling of the reserve pit. The reserve pit and that portion of the location not needed for production facilities/operations will be re-contoured to the approximate natural contours.
- Following BLM published Best Management Practices the interim reclamation will be C. completed within 90 days of completion of the well to reestablish vegetation, reduce dust and erosion and compliment the visual resources of the area.
 - All equipment and debris will be removed from the area proposed for interim reclamation and the pit area will be backfilled and re-contoured.
 - The area outside of the rig anchors and other disturbed areas not needed for the operation of the well will be re-contoured to blend with the surrounding area and reseeded at 12 lbs /acre with the following native grass seeds:
 - 1. Crested Wheat Grass

(4 lbs / acre)

2. Needle and Thread Grass

(4 lbs / acre)

- 3. Rice Grass (4 lbs / acre)
- Reclaimed areas receiving incidental disturbance during the life of the producing well will be re-contoured and reseeded as soon as practical.
- d. The Operator will control noxious weeds along access road use authorizations, pipeline route authorizations, well sites, or other applicable facilities by spraying or mechanical removal. A list of noxious weeds may be obtained from the BLM or the appropriate County Extension Office. On BLM administered land, it is required that a Pesticide Use Proposal be submitted and approved prior to the application of herbicides, pesticides or possibly hazardous chemicals.
- e. Prior to final abandonment of the site, all disturbed areas, including the access road, will be scarified and left with a rough surface. The site will then be seeded and/or planted as prescribed by the BLM. The BLM recommended seed mix will be detailed within their approval documents.

11. Surface and Mineral Ownership:

- Surface Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.
- Mineral Ownership Federal under the management of the Bureau of Land Management Vernal Field Office, 170 South 500 East, Vernal, Utah 84078; 435-781-4400.

12. Other Information:

- a. AIA Archaeological has conducted a Class III archeological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by AIA Archaeological.
- b. Alden Hamblin has conducted a paleontological survey. A copy of the report has been submitted under separate cover to the appropriate agencies by Alden Hamblin.
- c. Our understanding of the results of the onsite inspection are:
 - a. No Threatened and Endangered flora and fauna species were found during the onsite inspection.
 - b. No drainage crossings that require additional State or Federal approval are being crossed.
 - c. A pipeline upgrade is proposed with this application.
 - d. Dominion will deepen and reinforce the existing drainage ditch around corner 2 of the wellsite
 - e. A temporary pond will be formed when the pit is open since the existing location blocks a small existing drainage.

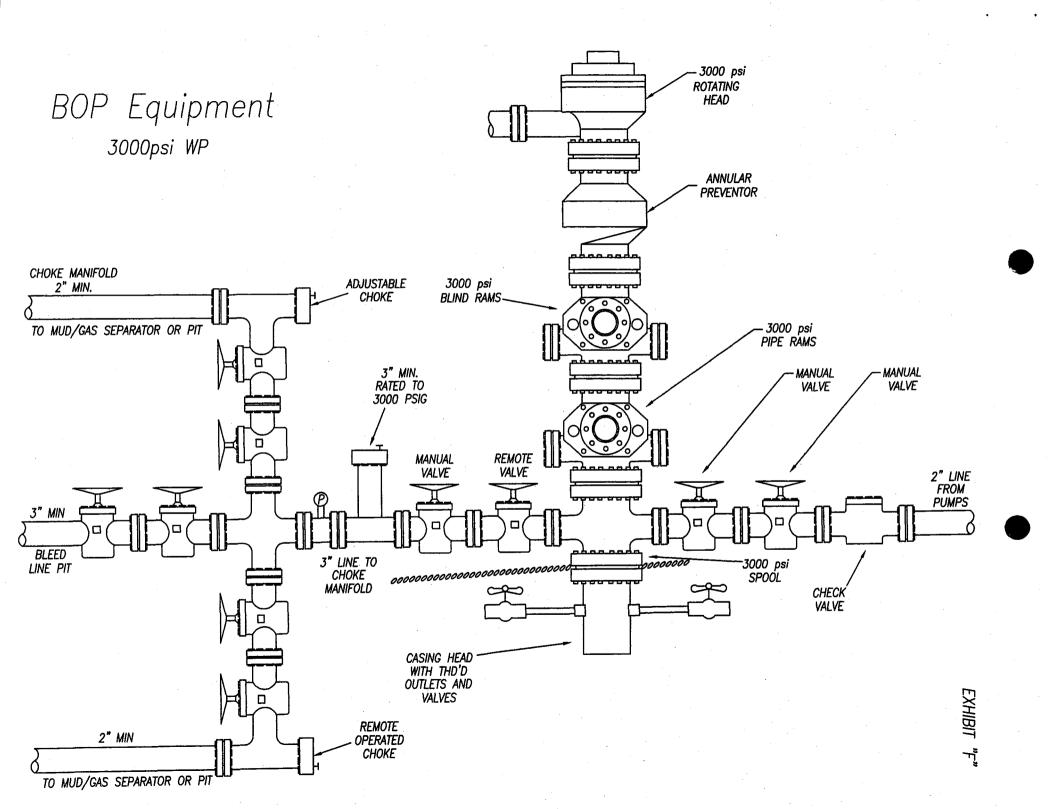
13. Operator's Representative and Certification

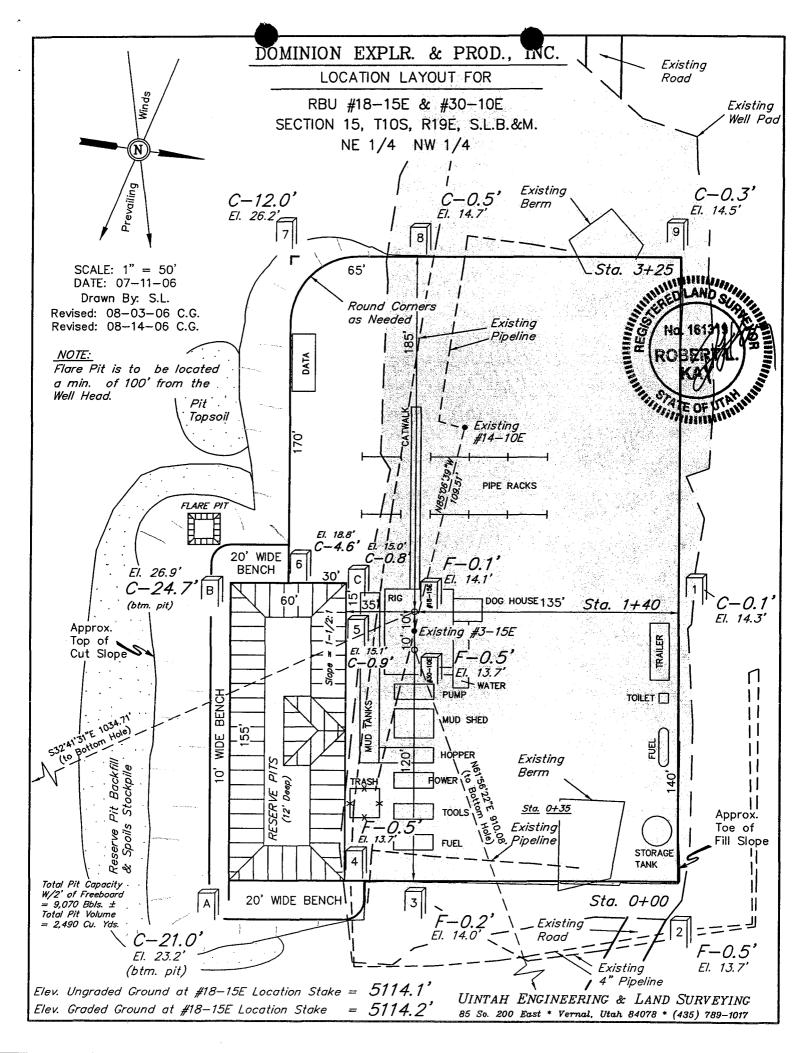
Title	Name	Office Phone
Company Representative (Roosevelt)	Ken Secrest	1-435-722-4521
Company Representative (Oklahoma)	Carla Christian	1-405-749-5263
Agent for Dominion	Don Hamilton	1-435-637-4075

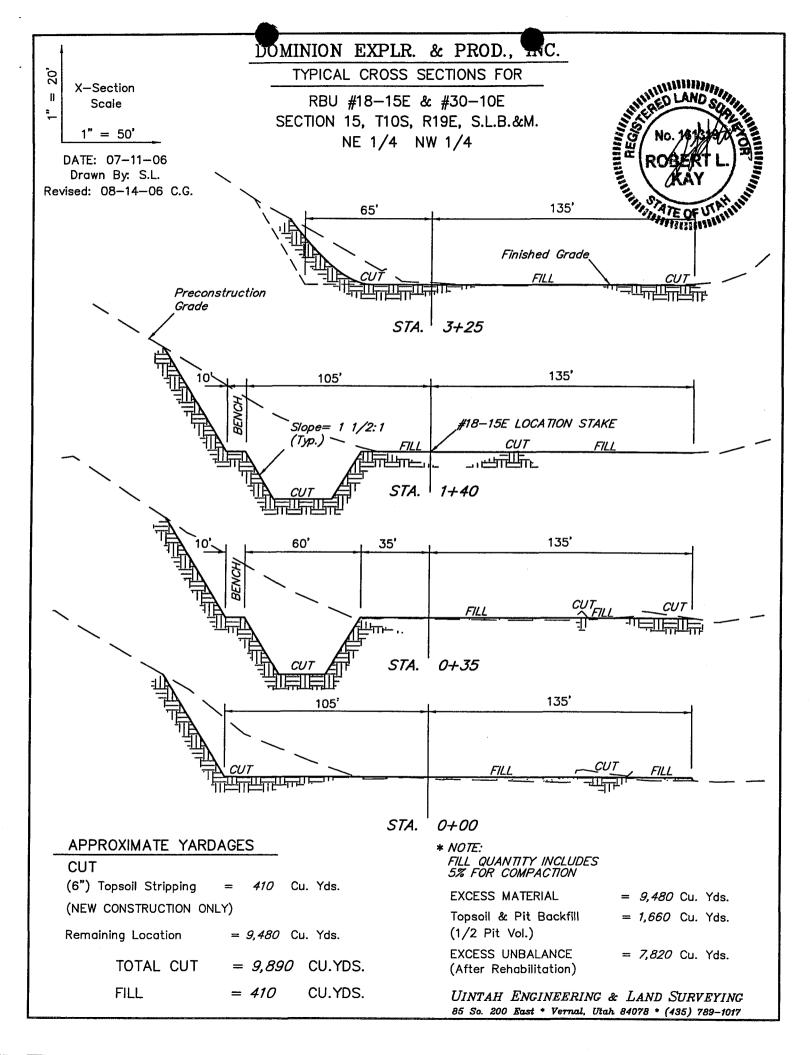
Certification:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exists; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this APD package and the terms and conditions under which it is approved. I also certify responsibility for the operations conducted on that portion of the leased lands associated with this application, with bond coverage being provided under Dominion's BLM bond. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Signature:	Don	Hamilton	Date:	8-31-06	
oighadaro.					_







DOMINION EXPLR. & PROD., INC.

RBU #18-15E & #30-10E LOCATED IN UINTAH COUNTY, UTAH SECTION 15, T10S, R19E, S.L.B.&M.

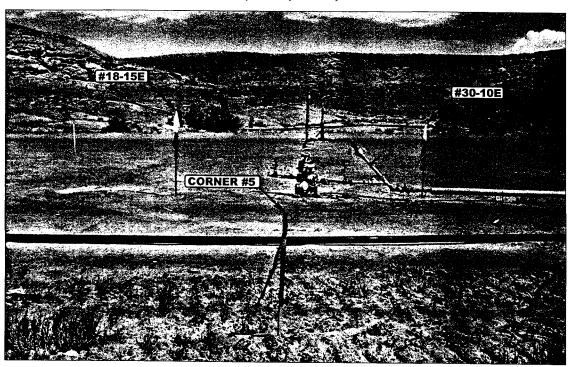


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKES

CAMERA ANGLE: NORTHWESTERLY



PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: NORTHWESTERLY

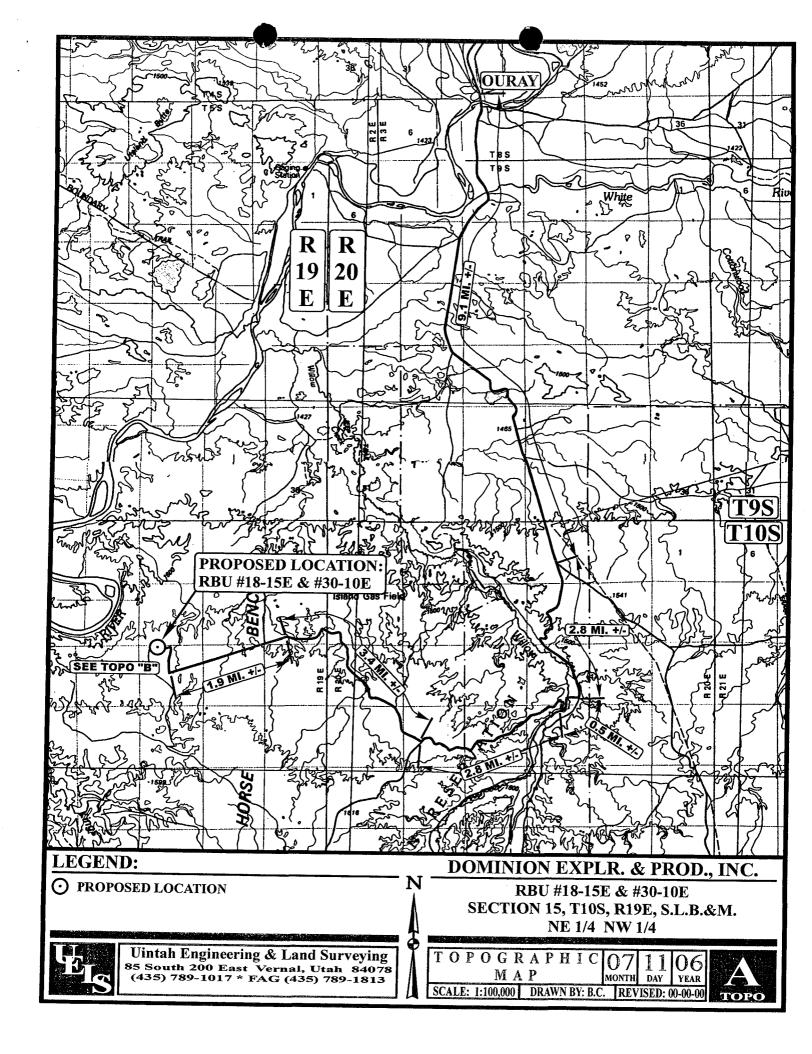


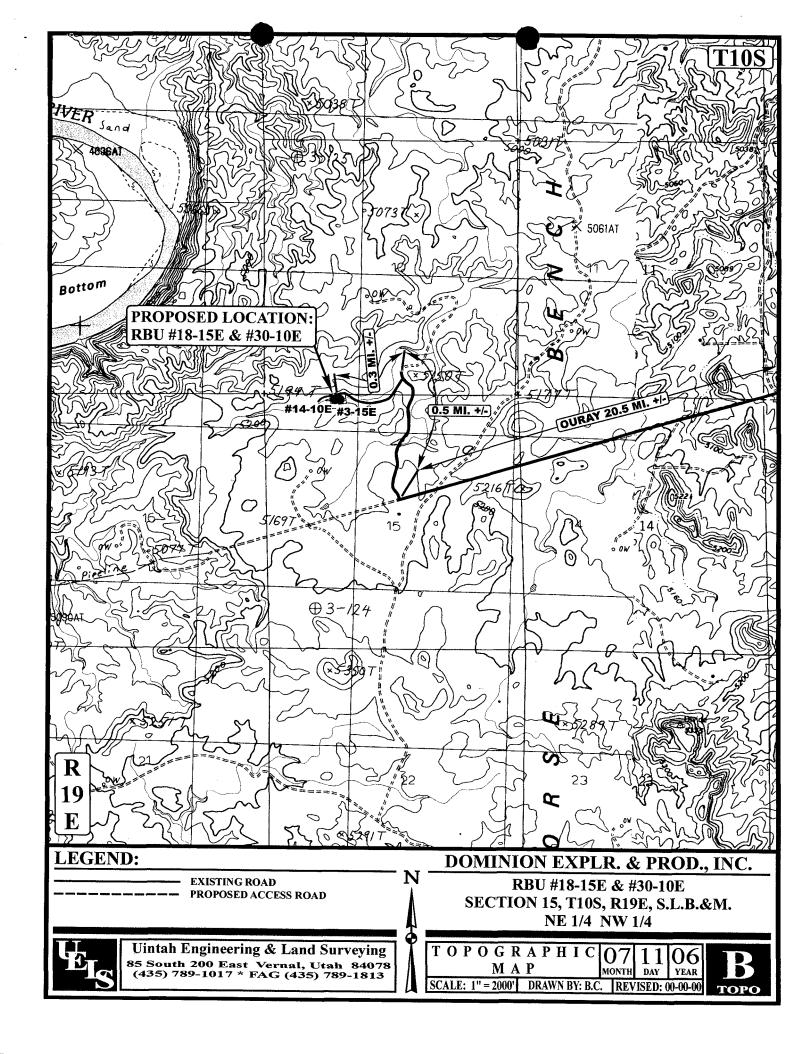
Uintah Engineering & Land Surveying S South 200 East Vernal, Utah 84078 435-789-1017 Vernal, Utah 84078 uels@uelsinc.com

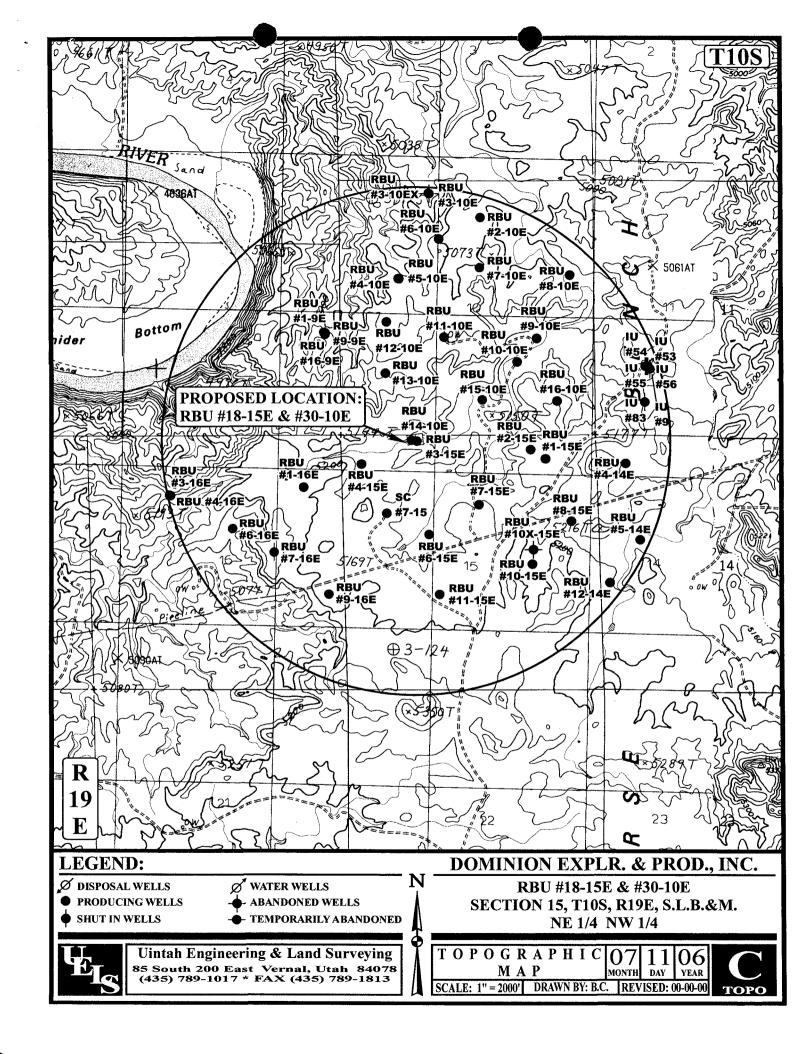
LOCATION PHOTOS

11|06 TAKEN BY: J.R. DRAWN BY: B.C. REVISED: 08-14-06

РНОТО



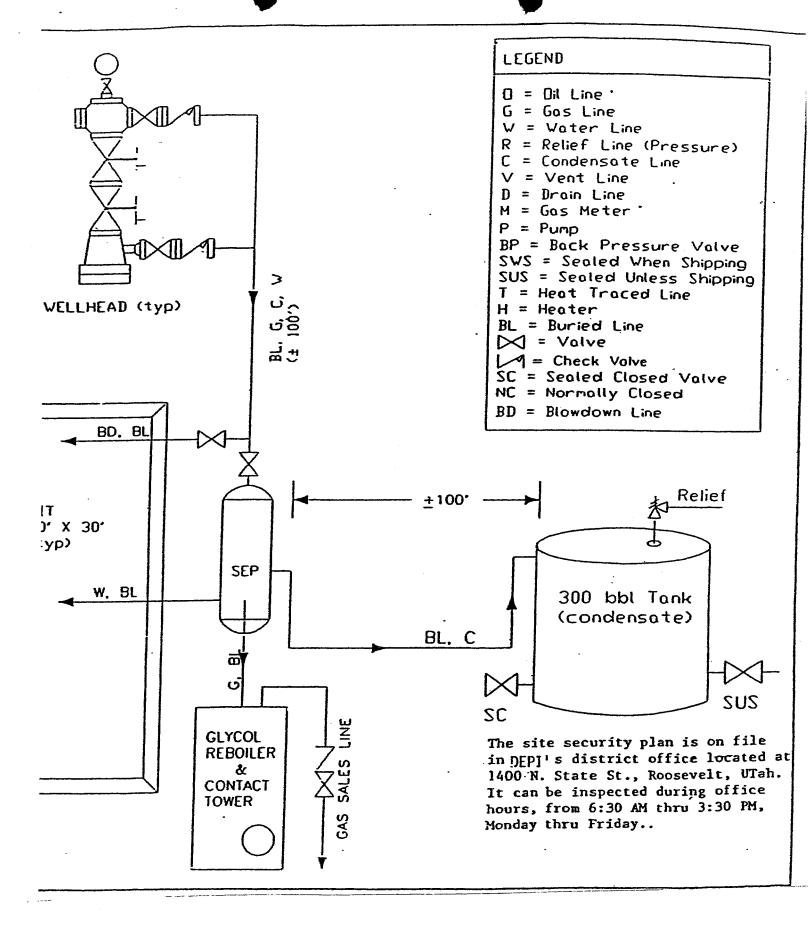




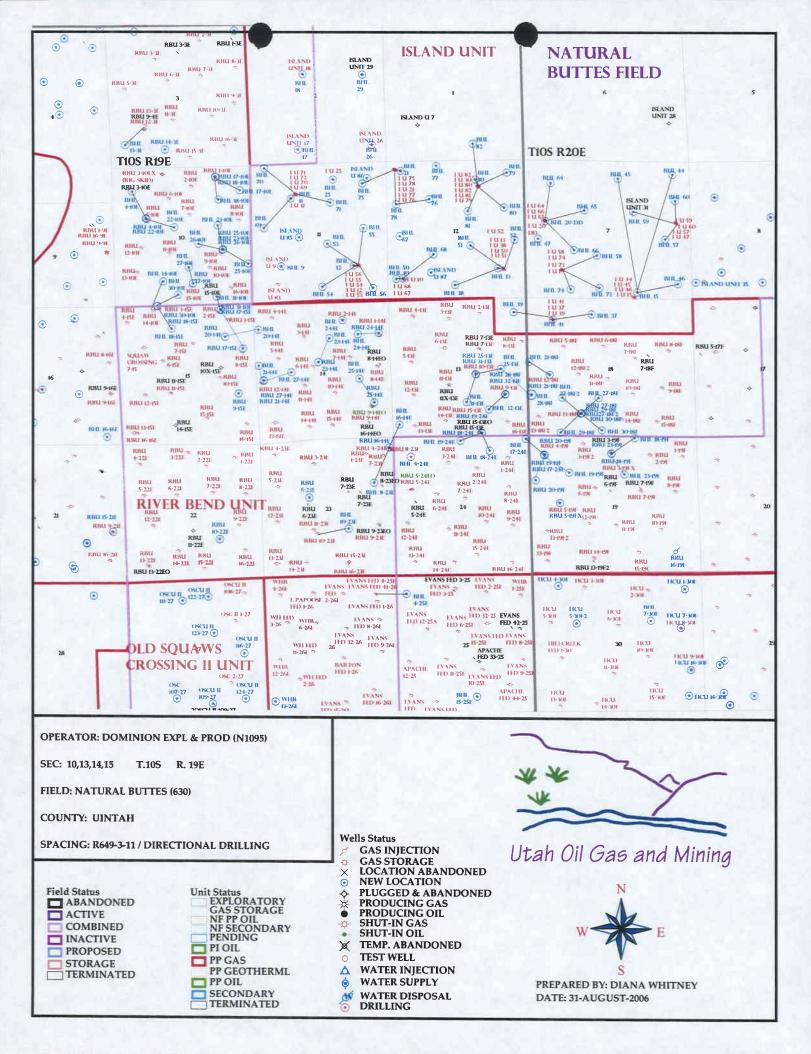
DOMINION EXPLR. & PROD., INC. RBU #18-15E & #30-10E SECTION 15, T10S, R19E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 9.1 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN RIGHT AND PROCEED IN A WESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 2.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 3.4 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMIATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN RIGHT AND PROCEED IN A NORTHERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE WEST; TURN LEFT AND PROCEED IN A WESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE EXISTING #14-10E, #3-15E AND THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 52.3 MILES.



APD RECEIVED: 09/05/2006	API NO. ASSIGNED: 43-047-38597
WELL NAME: RBU 18-15E	
OPERATOR: DOMINION EXPL & PROD (N1095)	PHONE NUMBER: 405-749-5263
CONTACT: DON HAMILTON	
PROPOSED LOCATION: NENW 15 100S 190E SURFACE: 0125 FNL 1570 FWL BOTTOM: 1000 FNL 2100 FWL COUNTY: UINTAH LATITUDE: 39.95430 LONGITUDE: -109.7721 UTM SURF EASTINGS: 604885 NORTHINGS: 44231 FIELD NAME: NATURAL BUTTES (630 LEASE TYPE: 1 - Federal	
LEASE NUMBER: U-013766	PROPOSED FORMATION: MVRD
SURFACE OWNER: 1 - Federal	COALBED METHANE WELL? NO
Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. WY 3322) Potash (Y/N) Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-10447) RDCC Review (Y/N) (Date:) Lim Fee Surf Agreement (Y/N) NA Intent to Commingle (Y/N)	LOCATION AND SITING: R649-2-3. Unit: RIVER BEND R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: 259-0/ Eff Date: 8-18-04 Siting: Suspends R649-3-11 R649-3-11. Directional Drill
STIPULATIONS: 1- Learn (Lepron)	



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, Utah 84145-0155

IN REPLY REFER TO: 3160 (UT-922)

September 19, 2006

Memorandum

To:

Assistant District Manager Minerals, Vernal District

From:

Michael Coulthard, Petroleum Engineer

Subject:

2006 Plan of Development River Bend Unit Uintah County,

Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the River Bend Unit, Uintah County, Utah.

API#

WELL NAME

LOCATION

(Proposed PZ MesaVerde)

43-047-38582 RBU 17-10E Sec 10 T10S R19E 0477 FNL 1390 FEL BHL Sec 10 T10S R19E 1000 FNL 0465 FEL

43-047-38584 RBU 27-10E Sec 10 T10S R19E 0723 FSL 2350 FEL BHL Sec 10 T10S R19E 1350 FSL 2500 FEL

43-047-38585 RBU 26-10E Sec 10 T10S R19E 1995 FSL 1184 FEL BHL Sec 10 T10S R19E 2250 FSL 2100 FEL

43-047-38586 RBU 25-10E Sec 10 T10S R19E 2013 FSL 1160 FEL BHL Sec 10 T10S R19E 1450 FSL 0200 FEL

43-047-38587 RBU 23-10E Sec 10 T10S R19E 2007 FSL 1168 FEL BHL Sec 10 T10S R19E 2350 FNL 1350 FEL

43-047-38588 RBU 22-10E Sec 10 T10S R19E 2064 FNL 1241 FWL BHL Sec 10 T10S R19E 2400 FNL 2300 FWL

43-047-38543 RBU 28-18F Sec 13 T10S R19E 1640 FSL 0901 FEL BHL Sec 18 T20S R20E 1600 FSL 0100 FWL

43-047-38544 RBU 18-24E Sec 13 T10S R19E 0143 FSL 1844 FEL

BHL Sec 24 T10S R19E 0550 FNL 1550 FEL

Page 2 E Sec 13 T10S R19E 0159 FSL 1855 FEL

- 43-047-38545 RBU 19-24E Sec 13 T10S R19E 0159 FSL 1855 FEL BHL Sec 24 T10S R19E 0150 FNL 2550 FWL
- 43-047-38546 RBU 25-13E Sec 13 T10S R19E 2418 FSL 2023 FEL BHL Sec 13 T10S R19E 2700 FNL 1050 FEL
- 43-047-38547 RBU 31-13E Sec 13 T10S R19E 2433 FSL 2036 FEL BHL Sec 13 T10S R19E 1350 FSL 2400 FEL
- 43-047-38589 RBU 21-14E Sec 14 T10S R19E 2240 FSL 0210 FWL BHL Sec 14 T10S R19E 2500 FNL 0050 FWL
- 43-047-38590 RBU 27-14E Sec 14 T10S R19E 2230 FSL 0209 FWL BHL Sec 14 T10S R19E 2550 FSL 1300 FWL
- 43-047-38592 RBU 24-14E Sec 14 T10S R19E 1257 FNL 0432 FEL BHL Sec 14 T10S R19E 1300 FNL 1250 FEL
- 43-047-38593 RBU 23-14E Sec 14 T10S R19E 2375 FNL 2360 FWL BHL Sec 14 T10S R19E 1450 FNL 2350 FEL
- 43-047-38595 RBU 31-10E Sec 15 T10S R19E 0305 FNL 1324 FEL BHL Sec 10 T10S R19E 0200 FSL 1450 FEL
- 43-047-38596 RBU 17-15E Sec 15 T10S R19E 0320 FNL 1324 FEL BHL Sec 15 T10S R19E 1350 FNL 1200 FEL
- 43-047-38597 RBU 18-15E Sec 15 T10S R19E 0125 FNL 1570 FWL BHL Sec 15 T10S R19E 1000 FNL 2100 FWL
- 43-047-38598 RBU 20-14E Sec 15 T10S R19E 1821 FNL 0532 FEL BHL Sec 14 T10S R19E 1100 FNL 0100 FWL
- 43-047-38554 RBU 21-18F Sec 18 T10S R20E 2379 FSL 0834 FWL BHL Sec 18 T10S R20E 2450 FNL 0050 FWL
- 43-047-38555 RBU 27-18F Sec 18 T10S R20E 0902 FSL 2032 FWL BHL Sec 18 T10S R20E 1500 FSL 2700 FWL
- 43-047-38556 RBU 27-18F2 Sec 18 T10S R20E 0888 FSL 2005 FWL BHL Sec 18 T10S R20E 1500 FSL 1300 FWL
- 43-047-38557 RBU 30-18F Sec 18 T10S R20E 0897 FSL 2023 FWL BHL Sec 18 T10S R20E 0250 FSL 2800 FWL
- 43-047-38558 RBU 29-18F Sec 18 T10S R20E 0884 FSL 1996 FWL BHL Sec 18 T10S R20E 0150 FSL 1200 FWL
- 43-047-28549 RBU 17-24E Sec 19 T10S R20E 0703 FNL 0546 FWL BHL Sec 24 T10S R19E 0100 FNL 0150 FEL
- 43-047-38550 RBU 18-19F Sec 19 T10S R20E 0650 FNL 3147 FWL BHL Sec 19 T10S R20E 0050 FNL 2400 FEL

Page 3

43-047-38551 RBU 19-19F Sec 19 T10S R20E 0730 FNL 0558 FWL BHL Sec 19 T10S R20E 1400 FNL 1500 FWL

43-047-38552 RBU 20-19F Sec 19 T10S R20E 0721 FNL 0554 FWL BHL Sec 19 T10S R20E 1700 FNL 0200 FWL

43-047-38553 RBU 23-19F Sec 19 T10S R20E 0654 FNL 3156 FWL BHL Sec 19 T10S R20E 1450 FNL 2850 FEL

43-047-38548 RBU 32-13E Sec 13 T10S R19E 1624 FSL 0913 FEL BHL Sec 13 T10S R19E 1050 FSL 1550 FEL

43-047-38583 RBU 18-10E Sec 10 T10S R19E 0471 FNL 1409 FEL BHL Sec 10 T10S R19E 1350 FNL 1300 FEL

43-047-38591 RBU 25-14E Sec 14 T10S R19E 1380 FSL 0721 FEL BHL Sec 14 T10S R19E 2300 FSL 1250 FEL

43-047-38594 RBU 30-10E Sec 15 T10S R19E 0123 FNL 1590 FWL BHL Sec 10 T10S R19E 0300 FSL 2400 FWL

Our records indicate the RBU 25-10E is closer than 460 feet from the River Bend Unit boundary.

We have no objections to permitting the wells so long as the unit operator receives an exception to the locating and siting requirements of the State of Utah (R649-3-2).

/s/ Michael L. Coulthard

bcc: File - River Bend Unit

Division of Oil Gas and Mining



State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA Division Director JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

September 25, 2006

Dominion Exploration & Production, Inc. 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134

Re:

RBU 18-15E Well, Surface Location 125' FNL, 1570' FWL, NE NW, Sec. 15, T. 10 South, R. 19 East, Bottom Location 1000' FNL, 2100' FWL, NE NW, Sec. 15, T. 10 South, R. 19 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-38597.

Sincerely,

Gil Hunt
Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

Operator:	Domini	Dominion Exploration & Production, Inc.				
Well Name & Number	RBU 18	RBU 18-15E				
API Number:	43-047-	43-047-38597				
Lease:	U-013766					
Surface Location: NE NW NE NW	Sec. 15 Sec. 15	T. 10 South T. 10 South	R. 19 East R. 19 East			

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Form 3160-5 (August, 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135

Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

U-013766 6. If Indian, Allottee or Tribe Name

Lease Serial No.

Annual transfer and the state of the state	arrive a contrata con	************************************			
A SUBMIT EN TRIPLI	CATE - Other Instrucție	ns on reverse side		7. If Unit or	CA/Agreement, Name and/or No.
1. Type of Well				River E	Bend Unit
Oil Well X Gas Well	Other			8. Well Nam	e and No.
2. Name of Operator				RBL	J 18-15E
•				9. API Well	
Dominion Exploration & Production				43-047-3	
	Guite 600				
	14000 Quail Springs Parkway, OKC, OK 73134 (405) 749-1300				
4. Location of Well (Footage, Sec., T., R., M.,	or Survey Description)			Natu	ural Buttes
125' FNL & 1,570' FWL, NE NW,	Section 15-10S-19E			11. County o	or Parish, State
1,000' FNL & 2,100' FWL, NE NV	V, Section 15-10S-19E			Uint	ah, UT
				<u> </u>	
12. CHECK APPROPRIATE	BOX(ES) TO INDICAT	E NATURE OF N	OTICE, REP	ORT OR O	THER DATA
TYPE OF SUBMISSION	TYPE OF ACTION				
Notice of Intent	Acidize	Deepen	Production (S	start/Resume)	Water Shut-Off
4	Altering Casing	Fracture Treat	Reclamation		Well Integrity
Subsequent Report	Casing Repair	New Construction	Recomplete		X Other
	Change Plans	Plug and Abandon	Temporarily A	Abandon	Drilling Plan
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispos		
T mai Adundominent Pottee	Convert to injection	I lug back	Water Dispos	ar	
Attach the Bond under which the work following completion of the involved op-	y or recomplete horizontally, giv s will be performed or provide the erations. If the operation results pandonment Notices shall be filed	e subsurface locations a Bond No. on file with I in a multiple completion	and measured an BLM/BIA. Requ or recompletion	d true vertical of ired subsequer in a new inten	depths of all pertinent markers and zones. In treports shall be filed within 30 days
Please find attached a new	drilling plan. Previous	s plan submitted v	with APD sh	owed form	ation tops at TVD, the correcte
plan shows measured dept	th.				•
	Acce	pted my title Division of			RECEIVED
	Utah	Division of			HECEIVED
	Oil, Ga	as and Minim	•		NOV 0 7 2006
	בטם ם	ECORD ON	V .		,10 7 0 . 2000
	FURR	LUVIII WIN	9.2-		

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed)	1			
Keri Pfeifer	T	tle	Associate Regulator	y Specialist
Signature Ken Philber		Date	10/31/06	
A PROPERTY OF THE STATE OF THE	15(0),/31		28 pt 48	
Approved by	Title			Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office			

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

APPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator:

Dominion Exploration & Production

Address:

14000 Quail Springs Parkway, Suite 600

Oklahoma City, OK 73134

Well Location:

RBU 18-15E

SHL: 125' FNL & 1570' FWL Section 15-10S-19E

BHL: 1000' FNL & 2100' FWL Section 15-10S-19E

Uintah County, UT

1. GEOLOGIC SURFACE FORMATION

Uintah

2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

Formation	<u>Depth</u>
Wasatch Tongue	4,521'
Uteland Limestone	4,881'
Wasatch	5,041'
Chapita Wells	5,971'
Uteland Buttes	7,241'
Mesaverde	8,111'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER. OIL, GAS OR MINERALS

<u>Depth</u>	<u>Type</u>
4,521'	Oil
4,881'	Oil
5,041'	Gas
5,971'	Gas
7,241'	Gas
8,111'	Gas
	4,521' 4,881' 5,041' 5,971' 7,241'

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

Type	<u>Size</u>	Weight	<u>Grade</u>	Conn.	Top	Bottom	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0,	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	STC	0,	3,736'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0,	9,061'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

<u>Intermediate hole</u>: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

<u>Production hole</u>: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from surface to total depth. The blind rams will be tested once per day from surface to total depth if operations permit.

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling out surface casing shoe and anytime a new casing string is set..

All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

MUD SYSTEMS

- An air or an air/mist system may be used to drill to drill the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.
- The mud system will be monitored manually/visually.

<u>Depths</u>	Mud Weight (ppg)	Mud System
0'-500'	8.4	Air foam mist, no pressure control
500' - 3,736'	8.6	Fresh water, rotating head and diverter
3,736' - 9,061'	8.6	Fresh water/2% KCL/KCL mud system

BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a contant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 80' from the wellhead.

8. <u>AUXILIARY EQUIPMENT TO BE USED</u>

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING. LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500-2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H2S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

- a. Surface Cement:
 - Drill 17-½" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Polyflake (volume includes 70% excess). Top out as necessary. Casing to be centralized with a total of 5 centralizers.
- b. Intermediate Casing Cement:
 - Drill 12-1/4" hole to 3,736'±, run and cement 9-5/8" to surface.
 - Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
 - Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug one joint off bottom e) bottom three joints thread locked f) pump job with bottom plug only. Casing to be centralized with a total of 15 centralizers.
 - Cement to surface not required due to surface casing set deeper than normal.

					<u>Hole</u>	<u>Cement</u>
<u>Type</u>	Sacks	<u>Interval</u>	Density	Yield Yield	<u>Volume</u>	<u>Volume</u>
Lead	444	0'-3,236'	10.5 ppg	4.14 CFS	1051 CF	1,840 CF
Tail	254	3,236'-3,736'	15.6 ppg	1.2 CFS	174 CF	304 CF

Intermediate design volumes based on 75% excess of gauge hole.

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 4.14 cf/sack Slurry weight: 10.5 #/gal.

Water requirement: 26.07 gal/sack Compressives @ 110°F: 72 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 46.5% fresh water.

Slurry yield: 1.20 cf/sack Slurry weight: 15.6 #/gal.

Pump Time: 1 hr. 5 min. @ 110 °F.

Compressives @ 110 °F: 2,500 psi after 24 hours

- c. Production Casing Cement:
 - Drill 7-7/8" hole to 9,061'±, run and cement 5 1/2".
 - Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H20 spacer.
 - Displace with 2% KCL.
 - Production casing to be centralized with 30 centralizers.

					Hole	Cement
Type	<u>Sacks</u>	<u>Interval</u>	Density	<u>Yield</u>	<u>Volume</u>	<u>Volume</u>
Lead	90	4,241'-4,780'	11.5 ppg	3.12 CFS	139 CF	277 CF
Tail	800	5,041'9,061'	13.0 ppg	1.75 CFS	696 CF	1393 CF

Production design volumes based on 35% excess of gauge hole. Actual volumes will be calculated from caliper log to bring lead cement to 800' above top of Wasatch + 15% excess, and tail cement to top of Wasatch +15%.

TT-1-

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.

Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.

Water requirement: 17.71 gal/sack

Compressives (a) 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322,

& HR-5.

Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.

Water requirement: 9.09 gal/sack

Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: May 1, 2007

Duration: 14 Days

Form 3160-3 (February 2005)

RECEIVED

FORM APPROVED OMB No. 1004-0137 Expires March 31, 2007

UNITED STATES DEPARTMENT OF THE INTERIOR

SEP 0 = 200c

BUREAU OF LAND MAN	AGEMENT	2000	U-013766	
	6. If Indian, Allotee or	Tribe Name		
APPLICATION FOR PERMIT TO	N/A			
la. Type of work: DRILL REENT		7 If Unit or CA Agreem River Bend Unit	ent, Name and No.	
ib. Type of Well: Oil Well Gas Well Other	Single Zone Multip	le Zone	8. Lease Name and We RBU 18-15E	ll No.
2 Name of Operator Dominion Exploration & Production, I	ne.		9. API Well No. 43. 047.	38597
3a. Address 14000 Quail Springs Parkway, Suite 600 Oklahoma City, OK 73134	3b. Phone No. (include area code) 405-749-5263		10. Field and Pool, or Exp Natural Buttes	oloratory
4. Location of Well (Report location clearly and in accordance with an At surface 125' FNL & 1,570' FWL, NE/4 NW	•		11. Sec., T. R. M. or Bik.	and Survey or Area, R19E, SLB&M
At proposed prod. zone 1,000' FNL & 2,100' FWL, NE/4 N	W/4,		5000000 15, 1105	,,
14. Distance in miles and direction from nearest town or post office* 10.53 miles southwest of Ouray, Utah			12. County or Parish Uintah	13. State UT
15. Distance from proposed* location to nearest property or lease line, ft. Also to nearest drig unit line if any.) 125'	nearest r lease line. ft.			1
(Also to iteatest ung. unit line, it uny)	19. Proposed Depth		M/BIA Bond No. on file	
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 10'	8,800' TVD (9,061' MD)	WY 3:		
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5,114' GR	22. Approximate date work will start 05/01/2007	!*	23. Estimated duration 14 days	
	24. Attachments			
The following, completed in accordance with the requirements of Onsho	re Oil and Gas Order No.1, must be att	ached to this	s form:	···
 Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System SUPO must be filed with the appropriate Forest Service Office). 	4. Bond to cover th Item 20 above). Lands, the 5. Operator certification	e operation	rmation and/or plans as m	
25. Signature Den Hamilton	Name (Printed/Typed) Don Hamilton	1		
Title Agent for Dominion				
Approved by (Signature)	Name (Printed Typed) Teny Kene	zK1	į -	Pate 12 · 22 - 2006
Title / Assistant Field Manager Lands & Mineral Resources	Office		L FIELD OFFI	CE
Application approval does not warrant or certify that the applicant hole conduct operations thereon. Conditions of approval, if any, are attached.	ds legal or equitable title to those right	s in the sub	ect lease which would enti	tle the applicant to
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a Callette any false, fictitious or fraudulent statements or representations as	rime for any person knowingly and w to any matter within its jurisdiction.	illfully to m	ake to any department or	agency of the United
*(Instructions on page 2)		-,		

CONDITIONS OF APPROVAL ATTACHEISONFIDENTIAL

NOTICE OF APPROVAL

RECEIVED

ORIGINAL

Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY JAN 1 6 2007

DIV. OF OIL, GAS & MINING



UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE



170 South 500 East

VERNAL, UT 84078 (435) 781-4400

CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Dominion Exploration & Production Location: NENW, Sec 15, T10S, R19E

Well No: RBU 18-15E Lease No: UTU-013766
API No: 43-047-38597 Agreement: River Bend Unit

Matt Baker Office: 435-781-4490 Cell: 435-828-4470 Petroleum Engineer: Cell: 435-828-7875 Michael Lee Office: 435-781-4432 Petroleum Engineer: Office: 435-781-4470 Petroleum Engineer: James Ashley Supervisory Petroleum Technician: Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 **Environmental Scientist:** Paul Buhler Office: 435-781-4475 Cell: 435-828-4029 Karl Wright Office: 435-781-4484 **Environmental Scientist:** Holly Villa Office: 435-781-4404 Natural Resource Specialist: Natural Resource Specialist: Melissa Hawk Office: 435-781-4476 Natural Resource Specialist: Chuck MacDonald Office: 435-781-4486 Natural Resource Specialist: Scott Ackerman Office: 435-781-4437 FAX: (435) 781-4410 After hours contact number: (435) 781-4513

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Karl Wright)	Forty-Eight (48) hours prior to construction of location and access roads
--	---

Location Completion
(Notify Karl Wright) - Prior to moving on the drilling rig.

Spud Notice
(Notify PE) - Twenty-Four (24) hours prior to spudding the well.

Casing String & Cementing
(Notify Jamie Sparger SPT)

Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests
(Notify Jamie Sparger SPT)

- Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice
(Notify PE)

Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

Page 2 of 6 Well: RBU 18-15E 12/21/2006

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

Surface. Conditions of Approval or monitoring are listed in the Surface Use Plan of the APDs.

- For well RBU 17-15E the operator agrees to line the pit with a 16 mil thick plastic nylon reinforced liner. The liner will overlay a felt liner pad.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee will submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, an Interim Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. At a minimum, this will include the Best Management Practice of the reshaping of the pad to the original contour to the extent possible; the respreading of the top soil up to the rig anchor points; and, reseeding the area using appropriate reclamation methods.

The interim seed mix for reclamation will be:

Hy-crest Crested Wheat grass
Indian rice grass
Needle and Thread grass

Agropyron cristatum
Orazopsis hymenoides
Stipa comata

4 lbs per acre
4 lbs per acre
4 lbs per acre

- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- Following well plugging and abandonment, the location, access roads, pipelines, and
 other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to
 approximate the original contour; the top soil re-spread over the surface; and, the
 surface re-vegetated. The surface of approved staging areas where construction
 activities did not occur may require disking or ripping and reseeding.

Page 3 of 6 Well: RBU 18-15E 12/21/2006

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- A Cement Bond Log (CBL) shall be run from the TD to the top of cement. A field copy of the CBL shall be submitted to the BLM Vernal Field Office for review.
- The top of the production casing cement shall extend a minimum of 200 feet above the intermediate casing shoe.
- Variance granted:
- Eighty foot long blooie line approved

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and <u>NOT</u> by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

Page 4 of 6 Well: RBU 18-15E 12/21/2006

- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.
- The lessee/operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, etc.) to Peter Sokolosky or another geologist of the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) shall the BLM need to obtain additional information.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.
- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field
 Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers
 until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the
 written report requirement. Any additional construction, reconstruction, or alterations of
 facilities, including roads, gathering lines, batteries, etc., which will result in the
 disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore
 Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field
 Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report
 of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in
 which operations commence and continue each month until the well is physically
 plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals
 Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30

Page 5 of 6 Well: RBU 18-15E 12/21/2006

days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - o Date well was placed in a producing status (date of first production for which royalty will be paid).
 - o The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - o The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - o Unit agreement and / or participating area name and number, if applicable.
 - o Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.

Page 6 of 6 Well: RBU 18-15E 12/21/2006

All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days.
 "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.

- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field
 Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging
 of the well, in order that a representative may witness plugging operations. If a well is
 suspended or abandoned, all pits must be fenced immediately until they are backfilled.
 The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within
 30 days after the actual plugging of the well bore, showing location of plugs, amount of
 cement in each, and amount of casing left in hole, and the current status of the surface
 restoration.

STATE OF UTAH TMENT OF NATURAL RESOURCES

DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U-013766
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: RBU 18-15E
2. NAME OF OPERATOR:	9. API NUMBER: 4304738597
XTO Energy 3. ADDRESS OF OPERATOR: PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
P.O. Box 1360 GITY Roosevelt STATE UT ZIP 84066 (435) 722-4521	Natural Buttes
4 LOCATION OF WELL FOOTAGES AT SURFACE: 125' FNL & 1,570' FWL	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 15 10S 19E S	STATE: UTAH
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT	REPERFORATE CURRENT FORMATION
(Submit in Duplicate) ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	✓ OTHER: Permit Extension
CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMA	TION
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, v	volumes, etc.
XTO Energy. hereby requests a one year extension of the state permit for the reference	d well.
This is the first extension that has been requested.	
Approved by the	
I Hah DIVISION O	
Oil, Gas and Mining	
Data: 10-02-90\$	
Date: O TO TO TO	COURSENT TO OPERATO
By: Towns	10-3-07
	milials: RM
731	e de la constante de la consta
NAME (PLEASE PRINT) Marnie Griffin TITLE Agent for XT	O Energy
9/7/2007	
SIGNATURE DATE 97772007	

(This space for State use only)

RECEIVED SEP 1 0 2007

Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

	1304738597	
Well Name: I Location: 1	RBU 16-15E 15-10S-19E 125' FNL & 1,570' FWL	
Company Pern	nit Issued to: XTO Energy	
Date Original F	Permit Issued: 9/25/2006	
above hereby v	ed as owner with legal rights to drill on the verifies that the information as submitted cation to drill, remains valid and does not	in the previously
Following is a c verified.	hecklist of some items related to the app	olication, which should be
If located on pri agreement bee	ivate land, has the ownership changed, i n updated? Yes⊡No <i>⊠</i>	f so, has the surface
Have any wells the spacing or s	been drilled in the vicinity of the propose siting requirements for this location? Yes	ed well which would affect s□ No ☑
Has there been permitting or op	n any unit or other agreements put in plac peration of this proposed well? Yes⊟ No	ce that could affect the
Have there bee	en any changes to the access route inclu could affect the proposed location? Yes[iding ownership, or right- ⊐ No ☑
Has the approv	ved source of water for drilling changed?	Yes□No☑
Have there been which will require evaluation? Ye	en any physical changes to the surface lo ire a change in plans from what was disc es□No☑	ocation or access route cussed at the onsite
Is bonding still	in place, which covers this proposed we	ll? Yes⊠No□
	$\mathcal{M}_{\mathcal{L}}$	9/7/2007
Signature		Date
Title: Agent		
Representing:	XTO Energy	
	RECEIVED	

SEP 1 0 2007

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

R	OUTING
1.	DJJ
2	CDW

X - Change	of Operator	(Well	Sold)
------------	-------------	-------	-------

Operator Name Change/Merger

The operator of the well(s) listed below has chan	ged,	effectiv	e:	*		7/1/2007		
FROM: (Old Operator):				TO: (New O	perator):		· · · · · · · · · · · · · · · · · · ·	
N1095-Dominion Exploration & Production, Inc				N2615-XTO E				
14000 Quail Springs Parkway, Suite 600					uston St			
Oklahoma City, OK 73134					orth, TX 76	5102		
Phone: 1 (405) 749-1300				Phone: 1 (817)	870-2800			
CA No.				Unit:		RIVER F	BEND	
WELL NAME	SEC	TWN	RNG	API NO	ENTITY	LEASE TYPE		WELL
					NO		TYPE	STATUS
SEE ATTACHED LIST								
OPERATOR CHANGES DOCUMENT	A TI	ON						
Enter date after each listed item is completed	AII	ON						
1. (R649-8-10) Sundry or legal documentation wa	s rec	eived fi	om the	FORMER one	erator on	8/6/2007		
2. (R649-8-10) Sundry or legal documentation wa						8/6/2007		
3. The new company was checked on the Departs				_				8/6/2007
4a. Is the new operator registered in the State of U		or Con	miei ce	Business Numb	-			8/6/2007
				Business Numi	ber:	5655506-0143		
4b. If NO , the operator was contacted contacted of		د		DIDIACE				
5a. (R649-9-2)Waste Management Plan has been re				IN PLACE	-			
5b. Inspections of LA PA state/fee well sites compl				n/a				
5c. Reports current for Production/Disposition & S				ok	-			
6. Federal and Indian Lease Wells: The BL					merger, na	me change,		
or operator change for all wells listed on Federa	al or	Indian I	eases o	n:	BLM		BIA	_
7. Federal and Indian Units:								
The BLM or BIA has approved the successor					•			
8. Federal and Indian Communization Ag	reen	ients (" CA "]) :		,		
The BLM or BIA has approved the operator is		l wells !	listed w	rithin a CA on:				
9. Underground Injection Control ("UIC"	•					orm 5, Transfer	of Autho	ority to
Inject, for the enhanced/secondary recovery un	it/pro	ject for	the wa	iter disposal wel	ll(s) listed or	n:		
DATA ENTRY:								
1. Changes entered in the Oil and Gas Database	on:			9/27/2007				
2. Changes have been entered on the Monthly Op	erat	or Cha	nge Sp	read Sheet on:		9/27/2007		
3. Bond information entered in RBDMS on:				9/27/2007	-			
4. Fee/State wells attached to bond in RBDMS on				9/27/2007	•			
5. Injection Projects to new operator in RBDMS of		ND 0. T		9/27/2007				
6. Receipt of Acceptance of Drilling Procedures for ROAD ACCEPTAGE ATTIONS.	or Ai	'D/Nev	on:		9/27/2007			
BOND VERIFICATION:				1.77000120				
 Federal well(s) covered by Bond Number: Indian well(s) covered by Bond Number: 			,	<u>UTB000138</u> 	-			
3a. (R649-3-1) The NEW operator of any state/fe	a 117al	1(a) 1iot	ed cove		ımbar	104312762		
				•		104312702		
3b. The FORMER operator has requested a release The Division sent response by letter on:	2 01 1	iaomity	irom u	ieir bond on:	1/23/2008			
	ויחר א	ON.						
LEASE INTEREST OWNER NOTIFIC			ntocto 1	and infames 11		tha D::-:-		
4. (R649-2-10) The NEW operator of the fee wells of their responsibility to notify all interest owner					y a letter fro	om the Division		
COMMENTS:	IS UI	uno Cila	nge on.	•				

STATE OF UTAH

	DEPARTMENT OF NATURAL RESOURCES	
	DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER:
SUNDR	Y NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill drill horizontal l	new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to aterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT or CA AGREEMENT NAME:
TYPE OF WELL OIL WELL		8. WELL NAME and NUMBER;
2. NAME OF OPERATOR:		SEE ATTACHED
XTO Energy Inc.	N3615	9. API NUMBER:
3. ADDRESS OF OPERATOR: 810 H	Ouston Street PHONE NUMBER:	SEE ATTACHED 10. FIELD AND POOL, OR WILDCAT:
	Y Fort Worth STATE TX ZIP 76102 (817) 870-2800	Natural Buttes
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE A	ATTACHED	соимту: Uintah
QTR/QTR, SECTION, TOWNSHIP, RAI	IGE, MERIDIAN:	STATE: UTAH
11. CHECK APP	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REP	ORT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT	CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	
	CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATIO	OTHER:
12. DESCRIBE PROPOSED OR CO		
	OMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volu	
Ellective July 1, 2007,	XTO Energy Inc. has purchased the wells listed on the attachme	ent from:
Dominion Exploration 8 14000 Quail Springs P Oklahoma City, OK 73	arkway, Suite 600 / / 073	
Ordanoma Orty, Ort 15	104	
JamsDA	(405) 749-1300	
James D. Abercrombie	(700)	
Sr. Vice President, Ge	neral Manager - Western Business Unit	
Please he advised that	YTO Energy Inc. is considered to be the energies on the attack	and that are determined to
under the terms and co	t XTO Energy Inc. is considered to be the operator on the attache anditions of the lease for the operations conducted upon the leas	ed list and is responsible
is provided by Nationw	ride BLM Bond #104312750 and Department of Natural Resource	es Bond #104312762.
NAME (PLEASE PRINT) Edwin S. I	Ryan, Jr. TITLE Sr. Vice Preside	ent - Land Administration
Colon .	\mathcal{L}_{i}	
SIGNATURE	A Proposition Date 7/31/2007	
This space for State use only)		PEOCUED
	- anding	RECEIVED
APPROVE) <u>7 1871 U /</u>	AUG 0 6 2007
Ca. land	9137107 UMAIL	AUG U 0 Z001
	CARLET W. F.	

(5/2000)

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Request to Transfer Application or Permit to Drill

	(This form should ac	company a Sundry	Notice, Form 9, requ	esting APD transfer)		
Well	name:	SEE ATTACH	IED LIST	**************************************		
APIı	number:					
Loca	ation:	Qtr-Qtr:	Section:	Township Range		
Com	pany that filed original application:	DOMINION E	&P			
Date	original permit was issued:					
Com	pany that permit was issued to:	DOMINION E	E&P			
Check		Desi	red Action:			
one						
	Transfer pending (unapproved) App		rmit to Drill to ne	ew operator		
	The undersigned as owner with legal r submitted in the pending Application for owner of the application accepts and a	or Permit to Drill	l, remains valid ar	nd does not require revision. The	e new	
1	Transfer approved Application for P	ermit to Drill t	o new operator			
	The undersigned as owner with legal r information as submitted in the previous revision.	ights to drill on usly approved a	the property as pe pplication to drill,	ermitted, hereby verifies that the remains valid and does not requ	ire	
ļ	owing is a checklist of some items related on private land, has the ownership		olication, which s	should be verified.	Yes	No
11100						
Lleve	If so, has the surface agreement been any wells been drilled in the vicinity of the surface and the surface an		ell which would af	fect the specing or siting		-
	irements for this location?	ite proposed w	en winen would ar	reat the spacing of sitting		✓
	e there been any unit or other agreement osed well?	ts put in place t	hat could affect th	e permitting or operation of this		✓
	e there been any changes to the access osed location?	route including	ownership or righ	t-of-way, which could affect the		✓
Has ·	the approved source of water for drilling	changed?				✓
	e there been any physical changes to the s from what was discussed at the onsite		on or access route	which will require a change in		✓
ls bo	onding still in place, which covers this pro	posed well? B	ond No. 1043127	62	✓	
Any o	desired or necessary changes to either and be filed on a Sundry Notice, Form 9, or sessary supporting information as required	a pending or ap or amended App	proved Application	n for Permit to Drill that is being t	ransfer , with	red,
Nam	e (please/print)) HOLLY C. PERKINS		Title REGULA	TORY COMPLIANCE TECH		
	ature Willy C. Ferkins	ν	Date 08/27/200			
	resenting (company name) XTO ENERG	Y INC.		,		
				process of the second s		

The person signing this form must have legal authority to represent the company or individual(s) to be listed as the new operator on the Application for Permit to Drill.

AUG 3 0 2007

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

RIVER BEND UNIT

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304736202	RBU 2-20E	NWNE	20	100S	190E	U-03505		Federal	GW	APD
4304736203	RBU 15-20E	SWSE	20	100S	190E	U-03505		Federal	GW	APD
4304736204	RBU 10-20E	NWSE	20	100S	190E	U-03505		Federal	GW	APD
4304736205	RBU 14-21E	SESW	21	100S	190E	U-013766		Federal	GW	APD
4304736295	RBU 10-21E	NWSE	21	100S	190E	U-013766		Federal	GW	APD
4304736426	RBU 7-9E	NWSE	09	100S	190E	U-03505		Federal	GW	APD
4304736430	RBU 16-20E	SESE	20	100S	190E	U-03505		Federal	GW	APD
4304736431	RBU 13-21E	SESE	20	100S	190E	U-013766		Federal	GW	APD
4304736606	RBU 14-11F	SESW	11	100S	200E	U-7206		Federal	GW	APD
4304737032	RBU 1-4E	NENE	04	100S	190E	U-013792		Federal	GW	APD
4304737423	RBU 2-21F	SWSE	16	100S	200E	U-013793-A		Federal	OW	APD
4304737569	RBU 14-15F	SESW	15	100S	200E	U-7206		Federal	OW	APD
4304737648	RBU 6-4E	SWNE	04	100S	190E	U-013792		Federal	GW	APD
4304737649	RBU 12-17E	NWSW	17	100S	190E	U-03505		Federal	GW	APD
4304737650	RBU 13-17E	SWSW	17	100S	190E	U-03505		Federal	GW	APD
4304737651	RBU 6-23E	SENW	23	100S	190E	U-013766		Federal	GW	APD
4304737652	RBU 7-16F	SWNE	16	100S	200E	U-7206		Federal	GW	APD
4304737748	RBU 14-16F	SWSE	16	100S	200E	U-7206		Federal	GW	APD
4304738341	RBU 15-21E	SWSE	21	100S	190E	U 013766		Federal	GW	APD
4304738544	RBU 18-24E	SWSE	13	100S	190E	U 013794		Federal	GW	APD
4304738545	RBU 19-24E	SWSE	13	100S	190E	U 013794		Federal	GW	APD
4304738546	RBU 25-13E	NWSE	13	100S	190E	U-013765		Federal	GW	APD
4304738547	RBU 31-13E	NWSE	13	100S	190E	U-013765		Federal	GW	APD
4304738549	RBU 17-24E	NWNW	19	100S	200E	U-013794		Federal	GW	APD
4304738550	RBU 18-19F	NENW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738551	RBU 19-19F	NWNW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738552	RBU 20-19F	NWNW	19	100S	200E	U 013769-A		Federal	GW	APD
4304738553	RBU 23-19F	NENW	19	100S	200E	U013769-A		Federal	GW	APD
4304738554	RBU 21-18F	NWSW	18	100S	200E	U013769-A		Federal	GW	APD
4304738582	RBU 17-10E	NWNE	10	100S	190E	U-013792		Federal	GW	APD
4304738583	RBU 18-10E	NWNE	10	100S	190E	U-013792		Federal	GW	APD
4304738584	RBU 27-10E	SWSE	10	100S	190E	U-013792		Federal	GW	APD
4304738585	RBU 26-10E	NESE	10	100S	190E	U-013792		Federal	GW	APD
4304738586	RBU 25-10E	NESE	10			U-013792		Federal	GW	APD
4304738587	RBU 23-10E	NESE	10	100S	190E	U-013792		Federal	GW	APD
4304738588	RBU 22-10E	SWNW	10	100S	190E	U-035316		Federal	GW	APD
4304738589	RBU 21-14E	NWSW	14	100S	190E	U-013792		Federal	GW	APD
4304738590	RBU 27-14E	NWSW	14	100S	190E	U-013792		Federal	GW	APD
4304738591	RBU 25-14E	NESE	14	100S	190E	U-013792		Federal	GW	APD
4304738592	RBU 24-14E	NENE	14	100S	190E	U-013792		Federal	GW	APD
4304738593	RBU 23-14E	SENW	14	100S	190E	U-013792		Federal	GW	APD
4304738594	RBU 30-10E	NENW	15			U-013792		Federal	GW	APD
4304738597	RBU 18-15E	NENW	15	100S	190E	U-013766		Federal	GW	APD
4304738598	RBU 20-14E	SENE	15	100S	190E	U-013792		Federal	GW	APD



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155



1661

IN REPLY REFER TO 3180 UT-922

Dominion Exploration & Production, Inc. Attn: James D. Abercrombie 14000 Quail Springs Parkway, #600 Oklahoma City, OK 73134-2600

August 10, 2007

Re:

River Bend Unit Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the River Bend Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the River Bend Unit Agreement.

Your statewide oil and gas bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED
AUG 1 6 2007
DIV. OF OIL, GAS & MINING

Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

5.	Lease	Serial	No.	
	ET A1	357	_	

CUMPDV	NOTICES AND DEPORT	TO ON WELLS		-013766
	NOTICES AND REPORT		C 70	Indian, Allottee or Tribe Name
	is form for proposals to drii eli. Use Form 3160-3 (APD)		-1-	/A
	PLICATE- Other instruction	ons on reverse s	ide.	Unit or CA/Agreement, Name and/or No.
1. Type of Well Oil Well	Gas Well Other			Vell Name and No.
2. Name of Operator XTO Energy	, Inc.			RBU 18-15E API Well No.
3a. Address		Phone No. (include area	code) 4	304738597
PO Box 1360; 978 North Cresc		5-722-4521		Field and Pool, or Exploratory Area Vatural Buttes
4. Location of Well (Footage, Sec., 2	[., R., M., or Survey Description)			County or Parish, State
125' FNL & 1,570' FWL, NE/4	NW/4, Section 15, T10S, R19E, SL1	B&M		Jintah County, Utah
12. CHECK AF	PROPRIATE BOX(ES) TO INDI	CATE NATURE O	F NOTICE, REPORT	Γ, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF	F ACTION	
	Acidize D	eepen	Production (Start/Resur	me) Water Shut-Off
Notice of Intent		acture Treat	Reclamation	Well Integrity
Subsequent Report	Casing Repair No	ew Construction	Recomplete	Other Permit Extension
	Change Plans Pl	ug and Abandon	Temporarily Abandon	
Final Abandonment Notice	Convert to Injection Pl	ug Back L	Water Disposal	
testing has been completed. Fit determined that the site is ready XTO Energy hereby reque	nal Abandonment Notices must be filed or	nly after all requirements,	including reclamation, h	es on 12-22-07.
14. I hereby certify that the fore Name (Printed/Typed)	going is true and correct	ı		
Don Hamilton		Title Agent	for XTO Energy, Inc.	
Signature Don	Jamilton.	Date /) -	10-2007	
	THIS SPACE FOR FED	ERAL OR STAT	E OFFICE USE	
Approved by	1	Petrole	um Engin	eer. OCT 22 2007
Conditions of approval, if any, are	nached. Approval of this notice does not lor equitable title to those rights in the si	ot warrant or		
which would entitle the applicant to		- I omice		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. (Instructions on page 2)

RECEIVED

NOV 0 7 2007

CONDITIONS OF APPROVAL ATTACHED



CONDITIONS OF APPROVAL

XTO Energy, Inc.

Notice of Intent APD Extension

Lease:

UTU-013766

Well:

RBU 18-15E

Location:

NENW Sec 15-T10S-R19E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 12/22/08.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Ryan Angus of this office at (435) 781-4430

• Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DOGM COPY

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

Expires July 3

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.U-0137666. If Indian, Allottee or Tribe Name

			· · · · · · · · · · · · · · · · · · ·	N/A	
SUBMIT IN TRIPLICAT	E - Other instruction	ons on page 2		7. If Unit or C	CA/Agreement, Name and/or No
1. Type of Well Oil Well X Gas Well Other 2. Name of Operator	,		· · · · · · · · · · · · · · · · · · ·	8. Well Name RBU 18-15	
XTO Energy Inc. 3a. Address 382 CR 3100 Aztec, NM 87410		3b. Phone No. (include ar 505-3	ea code) 33-3100	9. API Well N 43-047-38 10. Field and	
4. Location of Well (Footage, Sec., T., R., M., or Survey D 125' FNL & 1570' FWL NENW SEC	15-T10S-R19E			•	r Parish, State
12. CHECK APPROPRIATE	BOX(ES) TO IND	DICATE NATURE OF N	NOTICE, REPO	UINTAH DRT, OR OTH	ER DATA
TYPE OF SUBMISSION		TY	PE OF ACTION		
X Notice of Intent	Acidize	Deepen	Productio	n (Start/Resume)	Water Shut-Off
Subsequent Report	Alter Casing Casing Repair	Fracture Treat New Construction	Reclamati		Well Integrity Other
Final Abandonment Notice	X Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporar Water Dis	ily Abandon sposal	
Describe Proposed or Completed Operation (clearly If the proposal is to deepen directionally or recompleted).					

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

XTO Energy Inc., proposes to change the current drilling program per attached documents.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED

OCT 1 4 2008

DIV. OF OIL, GAS & MINING

 I hereby certify that the foregoing is true and correct Name (Printed/Typed) 		
JENNIFER M. HEMBRY	Title FILE CLERK	
Signature Jennifer M. Hembre	Date 10/08/2008	
· · · · · · · · · · · · · · · · · · ·	DERAL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or or the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	ortify that Office	

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

XTO ENERGY INC.

RBU 18-15E APD Data October 6, 2008

Location: 125' FNL & 1570' FWL, Sec. 15, T10S, R19E County: Uintah

Bottomhole Location: 1000' FNL & 2100' FWL, Sec. 15, T10S, R19E

State: Utah

GREATEST PROJECTED TD: 8949' MD/ 8800' TVD

APPROX GR ELEV: 5114'

OBJECTIVE: Wasatch/Mesaverde Est KB ELEV: 5128' (14' AGL)

1. MUD PROGRAM:

INTERVAL	0' to 2272'	2272' to 8949'
HOLE SIZE	12.25"	7.875"
MUD TYPE	FW/Spud Mud	KCl Based LSND / Gel Chemical
WEIGHT	8.80 ppg	8.6-9.2 ppg
VISCOSITY	NC	30-60 sec-qt ⁻¹
WATER LOSS	NC	8-15 cc/30 min

Remarks: Use fibrous materials as needed to control seepage and lost circulation. Pump high viscosity sweeps as needed for hole cleaning. Raise viscosity at TD for logging. Reduce viscosity after logging for cementing purposes. The mud system will be monitored visually/manually.

2. CASING PROGRAM:

Surface Casing: 9.625" casing set at ±2272'MD/2200'TVD in a 12.25" hole filled with 8.8 ppg mud

				,	Coll	Burst						
					Rating	Rating	Jt Str	ID -	Drift	SF	SF	SF
Interval	Length	Wt	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Ten
0'-2272'	2272'	36#	J-55	ST&C	2020	3520	394	8.921	8.765	2.57	4.47	4.82

Production Casing: 5.5" casing set at ±8949'MD/8800'TVD in a 7.875" hole filled with 9.20 ppg mud.

					Coll	Burst						
					Rating	Rating	Jt Str	ID	Drift	SF	SF	SF
Interval	Length	Wt	Gr	Cplg	(psi)	(psi)	(M-lbs)	(in)	(in)	Coll	Burst	Ten
0'-8949'	8949'	17#	N-80	LT&C	6280	7740	348	4.892	4.767	1.89	2.32	2.29

Collapse and burst loads calculated at TVD with 0.1 psi/ft gas gradient back up.

3. WELLHEAD:

- A. Casing Head: Larkin Fig 92 (or equivalent), 9" nominal, 2,000 psig WP (4,000 psig test) with 9-5/8" 8rnd thread on bottom (or slip-on, weld-on) and 11-3/4" 8rnd thread on top.
- B. Tubing Head: Larkin Fig 612 (or equivalent), 6.456" nominal, 5,000 psig WP, 5-1/2" 8rnd female thread on bottom (or slip-on, weld-on), 8-5/8" 8rnd thread on top.

4. **CEMENT PROGRAM:**

A. Surface:

9.625", 36#, J-55 (or equiv.), ST&C casing to be set at ± 2272 ' in 12.25" hole.

LEAD:

±225 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.0 ppg, 3.82 ft³/sk, 22.95 gal wtr/sx.

TAIL:

350 sx Class G or equivalent cement with bonding additive, LCM, dispersant, & fluid loss mixed at 15.6 ppg, 1.2 cuft/sx

Total estimated slurry volume for the 9.625" surface casing is 1279.4 ft³. Slurry includes 75% excess of calculated open hole annular volume to 2272'.

B. Production: 5.5", 17#, N-80 (or equiv.), LT&C casing to be set at ± 8949 ' in 7.875" hole.

LEAD:

±282 sx of Premium Plus V Blend. (Type V/Poz/Gel) or equivalent, with dispersant, fluid loss, accelerator, & LCM mixed at 11.6 ppg, 3.10 ft³/sk, 17.71 gal wtr/sx.

TAIL:

400 sx Class G or equivalent cement with poz, bonding additive, LCM, dispersant, & fluid loss mixed at 13.0 ppg, 1.49 cuft/sx, 9.09 gal/sx.

Total estimated slurry volume for the 5.5" production casing is 1470.7 ft³. Slurry includes 15% excess of calculated open hole annular volume.

Note: The slurry design may change slightly based upon actual conditions. Final cement volumes will be determined from the caliper logs plus 15% or greater excess. The cement is designed to circulate on surface casing string. The production casing is designed for 1772' top of cement.

5. **LOGGING PROGRAM**:

- A. Mud Logger: The mud logger will come on at intermediate casing point and will remain on the hole until TD. The mud will be logged in 10' intervals.
- B. Open Hole Logs as follows: Run Array Induction/SFL/GR/SP fr/TD (8949') to the bottom of the surface csg. Run Neutron/Lithodensity/Pe/GR/Cal from TD (8949') to 2272'. Run Gamma Ray to surface.

6. FORMATION TOPS:

Please see attached directional plan.

7. ANTICIPATED OIL, GAS, & WATER ZONES:

No change.

8. **BOP EQUIPMENT**:

Surface will utilize a 500 psi or greater diverter.

Production hole will be drilled with a 3000 psi BOP stack.

Minimum specifications for pressure control equipment are as follows:

Ram Type: 11" Hydraulic double ram with annular, 3000 psi w.p.

Ram type preventers and associated equipment shall be tested to stack working pressure if isolated by test plug or to 70% of internal yield pressure of casing. Pressure shall be maintained for at least 10 minutes or until requirements of test are met, whichever is longer. If a test plug is utilized, no bleed-off pressure is acceptable. For a test not utilizing a test plug, if a decline in pressure of more than 10% in 30 minutes

occurs, the test shall be considered to have failed. Valve on casing head below test plug shall be open during test of BOP stack.

Annular type preventers (if used) shall be tested to 50% of rated working pressure. Pressure shall be maintained at least 10 minutes or until provisions of test are met, whichever is longer.

As a minimum, the above test shall be performed:

- a. when initially installed:
- b. whenever any seal subject to test pressure is broken
- c. following related repairs: and
- d. at 30 day intervals

Valves shall be tested from working pressure side during BOPE tests with all down stream valves open.

When testing the kill line valve(s) shall be held open or the ball removed.

Annular preventers (if used) shall be functionally operated at least weekly.

Pipe and blind rams shall be activated each trip, however, this function need not be performed more than once a day.

A BOPE pit level drill shall be conducted weekly for each drilling crew.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No.2 for equipment and testing requirements, procedures, etc., and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests. Pressure tests shall apply to all related well control equipment.

BOP systems shall be consistent with API RP53. Pressure tests will be conducted before drilling out from under casing strings which have been set and cemented in place. Test pressures for BOP equipment are as follows:

Annular BOP -- 1500 psi
Ram type BOP -- 3000 psi
Kill line valves -- 3000 psi
Choke line valves and choke manifold valves -- 3000 psi
Chokes -- 3000 psi
Casing, casinghead & weld -- 1500 psi
Upper kelly cock and safety valve -- 3000 psi
Dart valve -- 3000 psi

Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection will be recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The BLM in Vernal, UT shall be notified, at least 24 hours prior to initiating the pressure test, in order to have a BLM representative on location during pressure testing.

a. The size and rating of the BOP stack is shown on the attached diagram.

- b. A choke line and a kill line are to be properly installed.
- c. The accumulator system shall have a pressure capacity to provide for repeated operation of hydraulic preventers.
- d. Drill string safety valve(s), to fit all tools in the drill string, are to be maintained on the rig floor while drilling operations are in progress.
- e. See attached BOP & Choke manifold diagrams.

9. <u>COMPANY PERSONNEL:</u>

<u>Name</u>	<u>Title</u>	Office Phone	Home Phone
John Egelston	Drilling Engineer	505-333-3163	505-330-6902
Bobby Jackson	Drilling Superintendent	505-333-3224	505-486-4706
Jeff Jackson	Project Geologist	817-885-2800	

XTO Energy

Natural Buttes Wells(NAD83) RBU 30-10E RBU 18-15E RBU 18-15E

Plan: Sundry'd Wellbore

Standard Planning Report

06 October, 2008

Planning Report

Database:

EDM 2003.14 Single User Db

Company:

XTO Energy

Project:

Site: Well: Natural Buttes Wells(NAD83)

RBU 30-10E RBU 18-15E

Wellbore: Design:

RBU 18-15E Sundry'd Wellbore Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Well RBU 18-15E

Rig KB @ 5128.0ft (Frontier #6) Rig KB @ 5128.0ft (Frontier #6)

True

Minimum Curvature

Project

Natural Buttes Wells(NAD83), Vernal, UT

Map System:

US State Plane 1983

North American Datum 1983 Geo Datum:

Utah Northern Zone Map Zone:

System Datum:

Mean Sea Level

Using Well Reference Point

Site

From:

RBU 30-10E, T10S, R19E

Site Position:

Lat/Long

Northing:

3,147,555.19 ft

Latitude:

39° 57' 15.570 N

Position Uncertainty:

Easting:

2,124,678.34 ft

Longitude:

109° 46' 22.440 W

0.0 ft

Slot Radius:

Grid Convergence:

1.14 °

Well

RBU 18-15E, S-Well to Wasatch/Mesaverde

Well Position

+N/-S +E/-W 0.0 ft 0.0 ft Northing: Easting:

3,147,551.90 ft 2,124,659.05 ft Latitude: Longitude:

39° 57' 15.541 N 109° 46' 22.688 W

Position Uncertainty

0.0 ft

Wellhead Elevation:

5,114.0 ft

Ground Level:

5,114.0 ft

Wellbore

RBU 18-15E

Magnetics

Model Name

Sample Date

Declination (°)

Dip Angle

Field Strength

(nT)

IGRF200510

10/6/2008

11.51

65.85

52,558

Design

Sundry'd Wellbore

Audit Notes:

Phase:

PROTOTYPE

Tie On Depth:

0.0

Version:

Depth From (TVD)

0.0

+E/-W

Direction

Vertical Section:

(ft)

+N/-S (ft) 0.0

(ft) 0.0

(°) 147.30

an Sections										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	
877.3	17.32	147.30	868.5	-72.9	46.8	3.00	3.00	0.00	147.30	
3,771.4	17.32	147.30	3,631.5	-797.9	512.2	0.00	0.00	0.00	0.00	
4,348.7	0.00	0.00	4,200.0	-870.7	559.0	3.00	-3.00	0.00	180.00 F	BU 18-15E Requ
8,948.7	0.00	0.00	8,800.0	-870.7	559.0	0.00	0.00	0.00	0.00	

Planning Report

Database:

EDM 2003.14 Single User Db

Company:

XTO Energy

Project: Site: Well: Natural Buttes Wells(NAD83)

RBU 30-10E RBU 18-15E

Wellbore: RBU 18-15E
Design: Sundry'd Wellbore

Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Well RBU 18-15E

Rig KB @ 5128.0ft (Frontier #6) Rig KB @ 5128.0ft (Frontier #6)

True

Minimum Curvature

							200		
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Vertical Section	Dogleg Rate	Build Rate	Turn Rate
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
0.0	0.00	0.00		0.0	2.2		2.22		
		0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	3.00	147.30	400.0	-2.2	1.4	2.6	3.00	3.00	0.00
500.0	0.00	447.00	400.0						
500.0	6.00	147.30	499.6	-8.8	5.7	10.5	3.00	3.00	0.00
600.0	9.00	147.30	598.8	-19.8	12.7	23.5	3.00	3.00	0.00
700.0	12.00	147.30	697.1	-35.1	22.5	41.7	3.00	3.00	0.00
800.0	15.00	147.30	794.3	-54.8	35.2	65.1	3.00	3.00	0.00
877.3	17.32	147.30	868.5	-72.9	46.8	86.6	3.00	3.00	0.00
900.0	17.32	147.30	890.2	-78.6	50.4	93.3	0.00	0.00	0.00
1,000.0	17.32	147.30	985.7	-103.6	66.5	123.1	0.00	0.00	0.00
1,100.0	17.32	147.30	1,081.2	-128.7	82.6	152.9	0.00	0.00	0.00
1,200.0	17.32	147.30	1,176.6	-153.7	98.7	182.7	0.00	0.00	0.00
1,300.0	17.32	147.30	1,272.1	-178.8	114.8	212.4	0.00	0.00	0.00
								0.00	0.00
1,400.0	17.32	147.30	1,367.6	-203.8	130.8	242.2	0.00	0.00	0.00
1,500.0	17.32	147.30	1,463.0	-228.9	146.9	272.0	0.00	0.00	0.00
1,600.0	17,32	147.30	1,558.5	-253.9	163.0	301.7	0.00	0.00	0.00
1,700.0	17.32								
		147.30	1,654.0	-279.0	179.1	331.5	0.00	0.00	0.00
1,800.0	17.32	147.30	1,749.4	-304.0	195.2	361.3	0.00	0.00	0.00
1,900.0	17.32	147.30	1,844.9	-329.1	211.3	391.0	0.00	0.00	0.00
2.000.0	17.32	147.30	1,940.4	-354.1	227.3	420.8	0.00	0.00	0.00
2,100.0	17.32	147.30	2,035.8	-379.2	243.4	450.6	0.00	0.00	0.00
2,200.0	17.32	147.30	2,131.3	-404.2	259.5	480.3	0.00	0.00	0.00
2,272.0	17.32	147.30	2,200.0	-422.2	271.1	501.8	0.00	0.00	0.00
9 5/8"									
2,300.0	17.32	147.30	2,226.7	-429.3	275.6	510.1	0.00	0.00	0.00
2,400.0	17.32	147.30	2,322.2	-454.3	291.7	539.9	0.00	0.00	0.00
2,500.0	17.32	147.30	2,417.7	-479.4	307.7	569.6	0.00	0.00	0.00
2,600.0	17.32	147.30	2,513.1	-504.4	323.8	599.4	0.00	0.00	0.00
			·						
2,700.0	17.32	147.30	2,608.6	-529.5	339.9	629.2	0.00	0.00	0.00
2,800.0	17.32	147.30	2,704.1	-554.5	356.0	658.9	0.00	0.00	0.00
2,900.0	17.32	147.30	2,799.5	-579.6	372.1	688.7	0.00	0.00	0.00
3,000.0	17.32	147.30	2,895.0	-604.6	388.2	718.5	0.00	0.00	0.00
3,100.0	17.32	147.30	2,990.5	-629.7	404.2	748.3	0.00	0.00	0.00
3,200.0	17.32	147.30	3,085.9	-654.7	420.3	778.0	0.00	0.00	0.00
	47.00								
3,300.0	17.32	147.30	3,181.4	-679.8	436.4	807.8	0.00	0.00	0.00
3,400.0	17.32	147.30	3,276.9	-704.8	452.5	837.6	0.00	0.00	0.00
3,500.0	17.32	147.30	3,372.3	-729.9	468.6	867.3	0.00	0.00	0.00
3,600.0	17.32	147.30	3,467.8	-754.9	484.6	897.1	0.00	0.00	0.00
3,700.0	17.32	147.30	3,563.3	-780.0	500.7	926.9	0.00	0.00	0.00
3,700.0	11.52	147.50	3,003.3	-100.0	300.7	320.3	0.00	0.00	0.00
3,771.4	17.32	147.30	3,631.5	-797.9	512.2	948.1	0.00	0.00	0.00
3,800.0	16.46	147.30	3,658.8	-804.8	516.7	956.4	3.00	-3.00	0.00
3,900.0	13.46	147.30	3,755.4	-826.6	530.6	982.2			
							3.00	-3.00	0.00
4,000.0	10.46	147.30	3,853.2	-844.0	541.8	1,003.0	3.00	-3.00	0.00
4,100.0	7.46	147.30	3,952.0	-857.1	550.3	1,018.5	3.00	-3.00	0.00
4,200.0	4.46	147.30	4,051.4	-865.9	555.9	1,028.9	3.00	. 3.00	0.00
								-3.00	
4,300.0	1.46	147.30	4,151.3	-870.2	558.7	1,034.1	3.00	-3.00	0.00
4,348.7	0.00	0.00	4,200.0	-870.7	559.0	1,034.7	3.00	-3.00	0.00
RBU 18-15E	Requested BH	L							
4,400.0	0.00	0.00	4,251.3	-870.7	559.0	1,034.7	0.00	0.00	0.00
4,408.7	0.00	0.00	4,260.0	-870.7	559.0	1,034.7	0.00	0.00	0.00

Planning Report

Database:

EDM 2003.14 Single User Db

Company:

XTO Energy

Project: Site: Well: Natural Buttes Wells(NAD83)

RBU 30-10E RBU 18-15E

Wellbore: Design: RBU 18-15E Sundry'd Wellbore Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

Survey Calculation Method:

Well RBU 18-15E

Rig KB @ 5128.0ft (Frontier #6) Rig KB @ 5128.0ft (Frontier #6)

True

Minimum Curvature

Measured Depth Inclination Azimuth Oepth +N/S (th) (th) (th) (th) (th) (th) (th) (th)	Planned Survey									
Depth Inclination California Califor				11 11 11						
(R) (P) (P) (P) (R) (R) (R) (R) (R) (R) (P) (P) (P) (P) (P) (P) (P) (P) (P) (P										
4.500.0 0.00 0.00 4.451.3 -870.7 559.0 1.034.7 0.00 0.00 0.00 4.700.0 0.00 4.700.0 0.00 4.700.0 0.00 0.0				•						4.00
4,800.0	(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)
A,600,0	4,500.0	0.00	0.00	4,351.3	-870.7	559.0	1,034.7	0.00	0.00	0.00
4,700.0	4,600.0	0.00	0.00	4,451.3		559.0				
1,788.7 0.00 0.00 4,851.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 0.00 0.00 4,861.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 0.00 4,900.0 0.00 0.00 0.00 0.00 4,751.3 -870.7 559.0 1,034.7 0.00 0.	4,700.0	0.00	0.00							
Uteland Limestone 4,800.0 0.00 4,851.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 4,900.0 0.00 0.00 4,781.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 4,928.7 0.00 0.00 4,780.0 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,000.0 0.00 0.00 0.00 4,851.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,000.0 0.00 0.00 4,851.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,200.0 0.00 0.00 5,551.3 -870.7 559.0 1,034.7 0.00	4.768.7									
4,800.0 0.00 0.00 4,751.3 870.7 559.0 1,034.7 0.00 0.00 0.00 0.00 4,928.7 0.00 0.00 4,751.3 870.7 559.0 1,034.7 0.00 0.00 0.00 0.00 4,928.7 0.00 0.00 4,751.3 870.7 559.0 1,034.7 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0				1,000	0,0.,	000.0	1,001.7	4.00	0.00	0.00
4,900.0 0.00 0.00 4,751.3 870.7 559.0 1,034.7 0.00 0.00 0.00 4,928.7 0.00 0.00 4,751.3 870.7 559.0 1,034.7 0.00 0.00 0.00 Wasatch 5,000.0 0.00 0.00 4,851.3 870.7 559.0 1,034.7 0.00 0.00 0.00 5,100.0 0.00 0.00 4,851.3 870.7 559.0 1,034.7 0.00 0.00 0.00 5,200.0 0.00 0.00 5,051.3 870.7 559.0 1,034.7 0.00 0.00 0.00 5,200.0 0.00 0.00 5,051.3 870.7 559.0 1,034.7 0.00 0.00 0.00 5,200.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 0.00 5,500.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,500.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,500.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,500.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,500.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,500.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,500.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,500.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,800.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,800.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,800.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 5,800.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 6,000.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 6,000.0 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 6,000 0.00 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 6,000 0.00 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 6,000 0.00 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 6,000 0.00 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 6,000 0.00 0.00 0.00 6,551.3 870.7 559.0 1,034.7 0.00 0.00 6,500.0 0.00 0.00 0.00 6,551.3 870.7 559.0 1,034.7 0.00 0.00 6,500.0 0.00 0.00 0.00 5,551.3 870.7 559.0 1,034.7 0.00 0.00 6,500.0 0.00 0.00 0.00 6,551.3 870.7 559.0 1,034.7 0.00 0.00 6,500.0 0.00 0.00 0.00 6,551.3 870.7 559.0 1,034.7 0.00 0.00 6,500.0 0.00 0.00 0.00 6,551.3 870.7 559.0 1,034.7 0.00 0.00 6,500.0 0.00 0.00 0.00 6,551.3 870.7 559.0 1,034.7 0.00 0.00 6,500.0 0.00 0.00 0.00 6,551.3 870.7 559.0 1,034.7 0.00 0.00 6,800.0 0.00 0.00 0.00 6,551.3 870.7 559.0 1,034.7 0.00 0.00 6,800.0 0.00 0.00 0.00 7,551.3 870.7 559.0			0.00	4 651 3	-870.7	559 N	1.034.7	0.00	0.00	0.00
Magash										
Wasatch										
5,000.0		0.00	0.00	4,780.0	-870.7	559.0	1,034.7	0.00	0.00	0.00
\$5,100 0 0.00 0.00 4,951.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 0.00 5.200.0 5.200.0 0.00 5.559.0 1,034.7 0.00 0.00 0.00 0.00 5.300.0 0.00 0.00 5.251.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 0.00 5.500.0 0.00 0.00	Wasatch									
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5,200 0 0.00 5,051.3 -970.7 559.0 1,034.7 0.00 0.00 0.00 5,300.0 0.00 0.00 5,151.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,600.0 0.00 0.00 5,251.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,600.0 0.00 0.00 5,351.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,600.0 0.00 0.00 5,651.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,858.7 0.00 0.00 5,751.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 6,000.0 0.00 0.00 5,751.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 6,000.0 0.00 0.00 5,851.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 6,200.0 0.00	5,100.0	0.00	0.00	4,951.3	-870.7	559.0	1,034.7	0.00	0.00	0.00
5,400.0 0.00 6,261.3 -870.7 559.0 1,034.7 0.00	5,200.0	0.00	0.00	5,051.3	-870.7	559.0	1,034.7		0.00	
5,400.0 0.00 6,221.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,500.0 0.00 0.00 5,351.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,600.0 0.00 0.00 5,451.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,800.0 0.00 0.00 5,551.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,800.7 0.00 0.00 5,710.0 -870.7 559.0 1,034.7 0.00 0.00 0.00 5,858.7 0.00 0.00 5,751.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 6,000.0 0.00 0.00 5,851.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 6,000.0 0.00 0.9541.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 6,400.0 0.00 0.9541.3 <td>E 200 0</td> <td>0.00</td> <td>0.00</td> <td>E 454 0</td> <td>070.7</td> <td>550.0</td> <td>4.004.7</td> <td>0.00</td> <td>0.00</td> <td>0.00</td>	E 200 0	0.00	0.00	E 454 0	070.7	550.0	4.004.7	0.00	0.00	0.00
\$5,000 0.00 0.00 5,351,3 870,7 \$59,0 1,034,7 0.00 0.00 0.00 5,600,0 0.00 5,551,3 870,7 \$59,0 1,034,7 0.00 0.00 0.00 0.00 5,551,3 870,7 \$59,0 1,034,7 0.00 0.00 0.00 0.00 5,801,3 870,7 \$59,0 1,034,7 0.00 0.00 0.00 0.00 5,801,3 870,7 \$59,0 1,034,7 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.										
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8,000.0 0.00 7,851.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 8,100.0 0.00 0.00 7,951.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 8,200.0 0.00 0.00 8,051.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 8,300.0 0.00 0.00 8,151.3 -870.7 559.0 1,034.7 0.00 0.00 0.00	7,998.7	0.00	0.00	7,850.0	-870.7	559.0	1,034.7	0.00	0.00	0.00
8,100.0 0.00 0.00 7,951.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 8,200.0 0.00 0.00 8,051.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 8,300.0 0.00 0.00 8,151.3 -870.7 559.0 1,034.7 0.00 0.00 0.00	Mesaverde									
8,100.0 0.00 0.00 7,951.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 8,200.0 0.00 0.00 8,051.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 8,300.0 0.00 0.00 8,151.3 -870.7 559.0 1,034.7 0.00 0.00 0.00	9 000 0	0.00	0.00	7 054 2	070 7	EEO 0	1.024.7	0.00	0.00	0.00
8,200.0 0.00 0.00 8,051.3 -870.7 559.0 1,034.7 0.00 0.00 0.00 8,300.0 0.00 0.00 8,151.3 -870.7 559.0 1,034.7 0.00 0.00 0.00	· ·									
8,300.0 0.00 0.00 8,151.3 -870.7 559.0 1,034.7 0.00 0.00 0.00										
8,400.0 0.00 0.00 8,251.3 -870.7 559.0 1,034.7 0.00 0.00 0.00										
	8,400.0	0.00	0.00	8,251.3	-870.7	559.0	1,034.7	0.00	0.00	0.00
8,500.0 0.00 0.00 8,351.3 -870.7 559.0 1,034.7 0.00 0.00 0.00	8.500.0	0.00	0.00	8,351.3	-870.7	559.0	1.034.7	0.00	0.00	0.00
8,600.0 0.00 0.00 8,451.3 -870.7 559.0 1,034.7 0.00 0.00 0.00										
8,700.0 0.00 0.00 8,551.3 -870.7 559.0 1,034.7 0.00 0.00 0.00	•									

Planning Report

Database:

EDM 2003.14 Single User Db

Company:

XTO Energy

Project:

Natural Buttes Wells(NAD83)

Site: Well: RBU 30-10E RBU 18-15E

Wellbore: Design: RBU 18-15E Sundry'd Wellbore Local Co-ordinate Reference:

TVD Reference: MD Reference:

North Reference:

North Reference: Survey Calculation Method: Well RBU 18-15E

Rig KB @ 5128.0ft (Frontier #6) Rig KB @ 5128.0ft (Frontier #6)

True

Minimum Curvature

lanned S	Survey	en Veneza								
N	Measured			Vertical			Vertical	Dogleg	Build	Turn
ation of the state	Depth (ft)	Inclination (°)	Azimuth (°)	Depth (ft)	+N/-S (ft)	+E/-W (ft)	Section (ft)	Rate (°/100ft)	Rate (°/100ft)	Rate (°/100ft)
	8,800.0	0.00	0.00	8,651.3	-870.7	559.0	1,034.7	0.00	0.00	0.00
	8,900.0	0.00	0.00	8,751.3	-870.7	559.0	1,034.7	0.00	0.00	0.00
	8,948.7	0.00	0.00	8,800.0	-870.7	559.0	1,034.7	0.00	0.00	0.00
	5 1/2"									

Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
RBU 18-15E Requeste - plan hits target - Circle (radius 30.0)	0.00	0.00	4,200.0	-870.7	559.0	3,146,692,46	2,125,235.24	39° 57' 6.938 N	109° 46' 15.512 W

Casing Points							
	Measured Depth	Vertical Depth			Casing Diameter	Hole Diameter	
	(ft)	(ft)		Name	(")	(")	
	2,272.0	2,200.0	9 5/8"		9-5/8	12-1/4	
	8,948.7	8,800.0	5 1/2"		5-1/2	7-7/8	

	Measured	Vertical				Dip
1 1	Depth	Depth			Dip	Direction
	(ft)	(ft)	Name	Lithology	(°)	(°)
	4,408.7	4,260.0	Wasatch Tongue		0.00	
	4,768.7	4,620.0	Uteland Limestone		0.00	
	4,928.7	4,780.0	Wasatch		0.00	
	5,858.7	5,710.0	Chapita Wells	•	0.00	
	7,128.7	6,980.0	Uteland Buttes		0.00	
	7,998.7	7,850.0	Mesaverde		0.00	

$\label{eq:Spot} {\sf BLM-Vernal\ Field\ Office-Notification\ Form}$

Operator XTO Rig Name/# Pete Martin #8 Submitted By Rick Oman Phone Number 1-435-828-1456 Well Name/Number RBU 18-15E Qtr/Qtr NENW Section 15 Township 10S Range 19E Lease Serial Number UTU-013766 API Number 43-047-38597
<u>Spud Notice</u> – Spud is the initial spudding of the well, not drilling out below a casing string.
Date/Time <u>10/22/2008</u> <u>0600</u> AM ⊠ PM □
Casing – Please report time casing run starts, not cementing times. Surface Casing Intermediate Casing Production Casing Liner Other
Date/Time AM PM
Initial BOPE test at surface casing point BOPE test at intermediate casing point 30 day BOPE test Other
Date/Time AM
Remarks <u>Spud Conductor. Spud Rig Is Up And Running.</u> Thanks Rick

Form 3160-5 (August 2007)

Subsequent Report

Final Abandonment Notice

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

X Other ___

5. Lease Serial No.

U-013766

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for p abandoned well. Use Form

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.					ottee or Tribe Name
SUBMIT IN TRIPLICAT		7. If Unit or CA/Agreement, Name and/or No RIVER BEND UNIT			
Type of Well Oil Well				8. Well Name ar RBU 18-15E	nd No.
XTO Energy Inc.				9. API Well No.	
3a. Address		3b. Phone No. (include a	rea code)	43-047-3859	97
382 CR 3100 Aztec, NM 87410		<u> 505-3</u>	333-3100	10. Field and Po	ool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey is	•			NATURAL BUI	TES
125' FNL & 1570' FWL NENW SEC	15-T10S-R19 E			II. County or I	Parish, State
				UINTAH	UTAH
12. CHECK APPROPRIATE	E BOX(ES) TO IN	DICATE NATURE OF	NOTICE, REP	ORT, OR OTHE	R DATA
TYPE OF SUBMISSION		TY	YPE OF ACTION	l	
Notice of Intent	Acidize	Deepen	Production	on (Start/Resume)	Water Shut-Off
	Alter Casing	Fracture Treat	Reclamat	ion	Well Integrity

Recomplete

Water Disposal

Temporarily Abandon

Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. 13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

New Construction

Plug and Abandon

Plug Back

Casing Repair

Change Plans

Convert to Injection

XTO Energy Inc., spudded this well on 10/22/2008.

RECEIVED OCT 2 3 2008

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) PENNIFER M. HEMBRY	Title FILE CLERK	
Signature & unifer M. Hembry	Date 10/23/2008	
THIS SPACE FOR FEDER	RAL OR STATE OFFICE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would	hat Office	
entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person fictitious or fraudulent statements or representations as to any matter within its jurisdiction.	n knowingly and willfully to make to any dep	eartment or agency of the United States any false,

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM					
Operator:	XTO ENERGY INC.	_	Operator Account Number: N 2615		
Address:	382 CR 3100				
	city AZTEC				
	state NM	zip 87410	Phone Number: (505) 333-3100		

NENW	15	108	19E	UINTAH
S	15.		 	,, , , , , , , , , , , , , , , , , , ,
. •	pud Da	te		y Assignment fective Date
10	0/22/200	08	10,	128/08
	11	10/22/20	10/22/2008	

MURD= WSMUD

BHC: NESW

Wall 2

API Number	Well I	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	S	pud Da	te		ty Assignment fective Date
omments:			<u> </u>				

Well 3

API Number	Well	Name	QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	s	l ipud Da	te		y Assignment fective Date
omments:							

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

RECEIVED

OCT 2 3 2008

JENNIFER M. HEMBRY

Name (Please Print)

Signature FILE CLERK

Title

10/23/2008

Date

(5/2000)

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

Ţ	DIVISION OF OIL, GAS AND MI	NING		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013766
SUNDRY	NOTICES AND REPORTS	S ON WEL	LS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill no	ew wells, significantly deepen existing wells below cur sterals. Use APPLICATION FOR PERMIT TO DRILL for	rrent bottom-hole dep	th, reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: RIVERBEND UNIT
1. TYPE OF WELL OIL WELL	[8. WELL NAME and NUMBER: RBU 18-15E
2. NAME OF OPERATOR:				9. API NUMBER: 4304738597
XTO ENERGY INC. 3. ADDRESS OF OPERATOR:			PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
382 CR 3100 CITY	Y AZTEC STATE NM ZIP	,87410	(505) 333-3100	NATURAL BUTTES
FOOTAGES AT SURFACE: 125' FI	NL x 1570' FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RAN	IGE, MERIDIAN: NENW 15 10S 1	19E S		STATE: UTAH
11. CHECK APPE	ROPRIATE BOXES TO INDICAT	TE NATURE	OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION		T	YPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start:	ACIDIZE ALTER CASING CASING REPAIR	DEEPEN FRACTURE NEW CONS	TREAT	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR		TUBING REPAIR
SUBSEQUENT REPORT	CHANGE TUBING	PLUG AND		VENT OR FLARE WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL NAME CHANGE WELL STATUS		` ON (START/RESUME)	WATER SHUT-OFF
Date of work completion:	COMMINGLE PRODUCING FORMATIONS		ION OF WELL SITE	OTHER: OCTOBER 08
10/31/2008	CONVERT WELL TYPE	RECOMPLE	TE - DIFFERENT FORMATION	MONTHLY REPORT
Attached is XTO Energy's	s monthly report for the period of	10/01/2008	:hru 10/31/2008.	RECEIVED NOV 1 0 2008
NAME (PLEASE PRINT) JENNIFE	R M. HEMBRY	TIT	11/5/2008	DIV. OF OIL, GAS & MINING
(This space for State use only)	on M. Hembr	J DA	TE 11/3/2000	

EXECUTIVE SUMMARY REPORT

10/1/2008 - 10/31/2008 Report run on 11/4/2008 at 1:13 PM

Riverbend Unit 18-15E - Natural Buttes, 15, 10S, 19E, Uintah, Utah, , Roosevelt,

AFE: 717104

Objective: Drill & Complete a Natural Buttes gas well

10/23/2008

MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor Pipe Set @ 40'. Cement To Surface w/ 3 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Frontier 6 Drilling Rig. RDMO. MIRU Pete Martin Rat Hole Drilling. Drill 20" Conductor Hole to 40'. Ran 14" Conductor Pipe Set @ 40'. Cement To Surface w/ 3 yds Redimix Cement. Drill And Set Rat And Mouse Hole For Frontier 6 Drilling Rig. RDMO.

STATE OF UTAH

	DIVISION OF OIL, GAS AND MINING	Ī	5. LEASE DESIGNATION AND SERIAL NUMBER: U-013766
SUNDRY	NOTICES AND REPORTS ON WELL	S	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill ne drill horizontal lat	w wells, significantly deepen existing wells below current bottom-hole depth, erals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	reenter plugged wells, or to	7. UNIT OF CA AGREEMENT NAME: RIVERBEND UNIT
1. TYPE OF WELL OIL WELL	GAS WELL 🗹 OTHER		8. WELL NAME and NUMBER: RBU 18-15E
2. NAME OF OPERATOR:			9. API NUMBER: 4304738597
XTO ENERGY INC. 3. ADDRESS OF OPERATOR:		PHONE NUMBER:	10. FIELD AND POOL, OR WILDCAT:
382 CR 3100 CITY 4. LOCATION OF WELL	AZTEC STATE NM ZIP 87410	(505) 333-3100	NATURAL BUTTES
FOOTAGES AT SURFACE: 125' FN	NL x 1570' FWL		COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANG			STATE: UTAH
11. CHECK APPR	OPRIATE BOXES TO INDICATE NATURE O	F NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		PE OF ACTION	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ACIDIZE DEEPEN ALTER CASING FRACTURE TO	REAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR NEW CONSTR		TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS OPERATOR C	HANGE	TUBING REPAIR
	CHANGE TUBING PLUG AND AB	BANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK		WATER DISPOSAL
Date of work completion:		N (START/RESUME)	WATER SHUT-OFF
11/30/2008		ON OF WELL SITE E - DIFFERENT FORMATION	OTHER: DECEMBER 08 MONTHLY REPORT
12. DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pertinent details inclu		es, etc.
XTO Energy Inc. has not	hing to report for the period of 11/01/2008 thru	11/30/2008.	
JENNIFEI	R M. HEMBRY	REGULATORY (CLERK
NAME (PLEASE PRINT) JENINIFE	1	12/5/2008	
SIGNATURE SIGNATURE	M. Hembry DATE	12/0/2000	
(This space for State use only)			RECEIVED

DEC 0 9 2008

FORM 9

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OU. GAS AND MINING

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U-013766
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: RIVERBEND UNIT
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: RBU 18-15E
2. NAME OF OPERATOR: XTO ENERGY INC.	9. API NUMBER: 4304738597
3. ADDRESS OF OPERATOR: PHONE NUMBER: (505) 333-3100	10, FIELD AND POOL, OR WILDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 125' FNL x 1570' FWL	COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 15 10S 19E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
ACIDIZE DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT	SIDETRACK TO REPAIR WELL
Approximate date work will start: CASING REPAIR NEW CONSTRUCTION	TEMPORARILY ABANDON
CHANGE TO PREVIOUS PLANS OPERATOR CHANGE	TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT CHANGE WELL NAME PLUG BACK	WATER DISPOSAL
(Submit Original Form Only) CHANGE WELL STATUS PRODUCTION (START/RESUME)	WATER SHUT-OFF
Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	OTHER: DECEMBER 08
12/31/2008 RECOMPLETE - DIFFERENT FORMATION	MONTHLY REPORT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume XTO Energy Inc. has nothing to report for the period of 12/01/2008 thru 12/31/2008.	es, etc.
NAME (PLEASE PRINT) JENNIFER M. HEMBRY TITLE REGULATORY (CLERK
SIGNATURE LLINIGE M. Hembry DATE 1/5/2009	

(This space for State use only)

RECEIVED JAN 1 2 2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING U-013766 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: **SUNDRY NOTICES AND REPORTS ON WELLS** N/A 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. RIVERBEND UNIT 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL 🔽 OIL WELL OTHER **RBU 18-15E** 9. API NUMBER: 2. NAME OF OPERATOR: 4304738597 XTO ENERGY INC. PHONE NUMBER: 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: **NATURAL BUTTES** STATE NM 71P 87410 CITY AZTEC (505) 333-3100 382 CR 3100 4. LOCATION OF WELL FOOTAGES AT SURFACE: 125' FNL x 1570' FWL COUNTY: UINTAH 19 15 20E 19 QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 10S S STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION REPERFORATE CURRENT FORMATION ACIDIZE DEEPEN NOTICE OF INTENT FRACTURE TREAT SIDETRACK TO REPAIR WELL ALTER CASING (Submit in Duplicate) NEW CONSTRUCTION TEMPORARILY ABANDON Approximate date work will start: CASING REPAIR TUBING REPAIR CHANGE TO PREVIOUS PLANS OPERATOR CHANGE VENT OR FLARE CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT PLUG BACK WATER DISPOSAL CHANGE WELL NAME (Submit Original Form Only) WATER SHUT-OFF CHANGE WELL STATUS PRODUCTION (START/RESUME) Date of work completion: OTHER: January 08 RECLAMATION OF WELL SITE COMMINGLE PRODUCING FORMATIONS 1/31/2009 MONTHLY REPORT RECOMPLETE - DIFFERENT FORMATION CONVERT WELL TYPE 12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy has nothing to report on this well for the period of 1/1/2009 thru 1/31/2009

NAME (PLEASE PRINT) EDEN FINE	REGULATORY CLERK
SIGNATURE	DATE 2/6/2009

(This space for State use only)

RECEIVED

	STATE OF UTAH	2050	FORM 9
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING		5. LEASE DESIGNATION AND SERIAL NUMBER: U-013766	
SUNDRY NOTICES AND REPORTS ON WELLS		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
Do not use this form for proposals to drill new we	ells, significantly deepen existing wells below cun . Use APPLICATION FOR PERMIT TO DRILL f	rent bottom-hole depth, reenter plugged wells, or to	N/A 7. UNIT OF CA AGREEMENT NAME: RIVERBEND UNIT
1. TYPE OF WELL OIL WELL	GAS WELL 🗸 OTHER	om to duct proposals.	8. WELL NAME and NUMBER:
		RBU 18-15E 9. API NUMBER:	
2. NAME OF OPERATOR: XTO ENERGY INC.			4304738597
3. ADDRESS OF OPERATOR: 382 CR 3100 CITY AZ	ZTEC STATE NM ZIP	87410 PHONE NUMBER: (505) 333-3100	10. FIELD AND POOL, OR WLDCAT: NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 125' FNL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSHIP, RANGE, M	MERIDIAN: NENW 19 10S 2	0E S	STATE: UTAH
11. CHECK APPROF	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
(Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will start:	CASING REPAIR	NEW CONSTRUCTION	TEMPORARILY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	VENT OR FLARE
SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
Date of work completion:	CHANGE WELL STATUS	PRODUCTION (START/RESUME)	WATER SHUT-OFF
1/31/2009	COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE	RECLAMATION OF WELL SITE RECOMPLETE - DIFFERENT FORMATION	OTHER: February 09 MONTHLY REPORT
12. DEŚCRIBE PROPOSED OR COMPL	<u>-</u>	pertinent details including dates, depths, volum	nes, etc.
Attached is XTO Energy's mo	onthly report for the period of 2	2/1/2009 thru 2/28/2009	
-			
		• -	
		.8	·
NAME (DI FASE DRINT) EDEN FINE		TITLE REGULATORY	CLERK

(This space for State use only)

RECEIVED MAR 0 9 2009

DATE 3/3/2009

EXECUTIVE SUMMARY REPORT

2/1/2009 - 2/28/2009 Report run on 3/3/2009 at 11:02 AM

Riverbend Unit 18-15E

KIAGIDGHG OH	10 10-138
	Section 15-10S-19E, Uintah, Utah, Roosevelt
	Objective: Drill & Complete a Natural Buttes gas well Date First Report: 10/22/2008 Method of Production:
2/11/2009	MIRU, Slide, PU dir tools, Drilling to 601', Ld Gyro and Continue Drilling, last survey @ 571', 7.3 deg, 157 az No acc, No spills, No Incend
2/12/2009	direc drlg f/ 601 to 2063 No Acc, No Spills, No Incend
2/13/2009	Drilled 310' @ 56.36 ft/hr. TD 12 1/4" Hole @ 11:30 A.M. on 2/12/2009. Ciculate Hole Clean. TOOH LD BHA. PU & Run 9 5/8" J-55 36# ST&C to 2352.14' KB. Cement Surface Casing To Surface With 250 sks (170 bbls) Lead, 200 sks
, w	(41 bbls) Tail, 125 sks (26 bbls) Top Out & 125 sks (26 bbls) Top Out. Cement Stayed @ Surface. No Accidents, No Incidents, No Spills Reported
2/14/2009	Mud wr 9.4, vis 33, WL 22 No accidents, no incidents, no spills reported. No mud lost last 24 hrs. No T- gas on pason.
2/15/2009	Mud wt. 9.6, vis. 35, Water Loss 16 & PH 10.5. Last Deviation Survey @ 3955' @ 12.80 Degrees with 146.30 azi. Drld 955' for 23.50 hrs @ 40.63 ft/hr. No Accidents, No Incidents, No Spills Reported.
2/16/2009	Mud wt. 9.5, vis. 36, Water Loss 11.5 & PH 10.5. Last Deviation Survey @ 4272' @ 4.40 Degrees with 170.60 azi. Drld 302' for 18.50 hrs @ 16.32 ft/hr. Sliding 100%. No Accidents, No Incidents, No Spills Reported.
2/17/2009	Mud wt. 9.7, vis. 35, Water Loss 10.6 & PH 10.5. Last Deviation Survey @ 4780' @ .90 Degrees with 220.20 azi. Drld 764' for 18.50 hrs @ 41.29 ft/hr. No Accidents, No Incidents, No Spills Reported. DWC: \$57,885.00 CWC: \$555,298.00
2/18/2009	Mud wt. 9.7, vis. 35, Water Loss 9.6 & PH 10.5. Last Deviation Survey @ 5762' @ 1.25 Degrees. Drld 1045' for 22.00 hrs @ 47.50 ft/hr. No Accidents, No Incidents, No Spills Reported.
2/19/2009	Riverbend Unit 18-15E ====================================
2/20/2009	Wt 10.0 - Vis 39 - WL 10.6//Last Survey @ 7576' (1.00*)

2/1/2009 - 2/28/2009 Report run on 3/3/2009 at 11:02 AM

No Accidents, No Incidents, No Spills Reported

	======================================
2/21/2009	wt 10, vis 38, last survey @ 7576 1 deg
	No acc, No incid, no spills reported
	======================================
2/22/2009	Drlg to TD of 8950' Last Survey @ 8870' (1.75*)
	TD @ 1700 hrs on 2/21/09 Depth of 8950' Last Survey @ 8870' (1.75*)//No
	Accidents, No Incidents, No Spills Reported.
	======================================
2/23/2009	Loggs went to Btm/Run 202 Jts of 5.5" N-80 17# Csg & Cmt w/352 sks 156 bbls @
	11.6# Lead & 620 sks 191 bbls @ 13# Tail (Set @ 8914')
	Set 5.5" 17# N-80 Csg @ 8914' Plug Down @ 0130 hrs on 2/23/09//No Accidents,
	No Incidents, No Spills Reported. (Next Loc. LCU 13-16H)
	= Riverbend Unit 18-15E ====================================
2/27/2009	Cont rpt for AFE # 717104 to D & C WA/MV fr/2-23-09 to 2-27-09. MIRU
	Perfolog WLU. RIH w/4.50" OD GR & tgd @ 8,844' FS. POH w/ GR. RIH
	w/GR/CCL/CBL logging tls. Tgd @ 8,844'. MIRU B&C Quick test. Run CBL under
	750 psig fr/8,844' to 200'. Log indic gd to excl cmt bond fr/8,844' - TOC @
	630 Bd csg. LD logging tls. RDMO WLU. PT csg, WH & frac vlv to 2500
	psig for 30" & 5000 psig for 10". Tst gd. Rlsd press. RDMO Quick Test.
	SWI. Susp rpts to further activity.

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41 11	90	2000	DEPARTMENT OF NATURAL RESOURCES
A'TO	BV C	OMPITÀI	(Ĉ <mark>ළ</mark> ⊅IVISION OF OIL, GAS AND MININ

	MIN GO ECCO	DEPARTMENT OF NATURAL RESOURCES VIVISION OF OIL, GAS AND MINING	5. LEA	SE DESIGNATION AND SERIAL NUMBER:
REC	BULATORY COMPLIANCE	U-013766		
	SIMDBA	NOTICES AND REPORTS ON WELLS		NDIAN, ALLOTTEE OR TRIBE NAME:
	SONDICI	NOTICES AND REPORTS ON WELLS	N/A	
Do no	t use this form for proposals to drill ne drill horizontal la	ow wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to terals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		T OF CA AGREEMENT NAME: ERBEND UNIT
1. TYP	OIL WELL	GAS WELL 🗹 OTHER	• • • • • •	LL NAME and NUMBER: J 18-15E
2. NAN	ME OF OPERATOR:	Acquired and the second and the seco	9. API	NUMBER:
XTC	ENERGY INC.		430	4738597
	DRESS OF OPERATOR: CR 3100	AZTEC STATE NM ZIP 87410 PHONE NUMBER: (505) 333-3100	1	ELD AND POOL, OR WILDCAT: TURAL BUTTES
4. LOC	CATION OF WELL	OTATE EI		
FOO	DTAGES AT SURFACE: 125' FI		COUN	ty: UINTAH
QTF	R/QTR, SECTION, TOWNSHIP, RAN	3E, MERIDIAN: NENW 19 10S 20E S	STATE	
		,		UTAH
11.	CHECK APPR	ROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPO	RT, O	R OTHER DATA
T	YPE OF SUBMISSION	TYPE OF ACTION		
	NOTICE OF INTENT	ACIDIZE DEEPEN		REPERFORATE CURRENT FORMATION
	(Submit in Duplicate)	ALTER CASING FRACTURE TREAT		SIDETRACK TO REPAIR WELL
	Approximate date work will start:	CASING REPAIR NEW CONSTRUCTION		TEMPORARILY ABANDON
		CHANGE TO PREVIOUS PLANS OPERATOR CHANGE		TUBING REPAIR
		CHANGE TUBING PLUG AND ABANDON		VENT OR FLARE
✓	SUBSEQUENT REPORT (Submit Original Form Only)	CHANGE WELL NAME PLUG BACK		WATER DISPOSAL
	Date of work completion:	CHANGE WELL STATUS PRODUCTION (START/RESUME)		WATER SHUT-OFF
,	Date of work completion.	COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE	\checkmark	отнея: March 09
		CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION		MONTHLY REPORT
12. Г	DESCRIBE PROPOSED OR CO	MPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volum	es, etc.	
хто) Energy Inc. has noth	ing to report on this well for the period of 3/1/2009 thru 3/31/2009		
,,,,	s Energy mo. nac noun	ing to roport on the months are person or a management and a second		

TITLE REGULATORY CLERK NAME (PLEASE PRINT) 4/3/2009 SIGNATURE

(This space for State use only)

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES 5. LEASE DESIGNATION AND SERIAL NUMBER: DIVISION OF OIL, GAS AND MINING U-013766 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: SUNDRY NOTICES AND REPORTS ON WELLS N/A 7. UNIT or CA AGREEMENT NAME: Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals. RIVERBEND UNIT 8. WELL NAME and NUMBER: 1. TYPE OF WELL GAS WELL 7 OIL WELL | OTHER **RBU 18-15E** 2. NAME OF OPERATOR: 9. API NUMBER: **XTO ENERGY INC.** 4304738597 10. FIELD AND POOL, OR WILDCAT: 3. ADDRESS OF OPERATOR: PHONE NUMBER: CITY AZTEC STATE NM 711 87410 **NATURAL BUTTES** 382 CR 3100 (505) 333-3100 4. LOCATION OF WELL FOOTAGES AT SURFACE: 125' FNL x 1570' FWL COUNTY: UINTAH QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW STATE: **UTAH** CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 11. TYPE OF ACTION TYPE OF SUBMISSION **ACIDIZE** DEEPEN REPERFORATE CURRENT FORMATION NOTICE OF INTENT SIDETRACK TO REPAIR WELL (Submit in Duplicate) ALTER CASING FRACTURE TREAT Approximate date work will start: CASING REPAIR TEMPORARILY ABANDON NEW CONSTRUCTION CHANGE TO PREVIOUS PLANS OPERATOR CHANGE TUBING REPAIR CHANGE TUBING PLUG AND ABANDON VENT OR FLARE SUBSEQUENT REPORT WATER DISPOSAL CHANGE WELL NAME PLUG BACK (Submit Original Form Only) WATER SHUT-OFF CHANGE WELL STATUS PRODUCTION (START/RESUME) Date of work completion: COMMINGLE PRODUCING FORMATIONS RECLAMATION OF WELL SITE OTHER: APRIL 09 4/30/2009 MONTHLY REPORT CONVERT WELL TYPE **RECOMPLETE - DIFFERENT FORMATION** DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. See attached for XTO Energy's report on this well for the period of 4/1/2009 thru 4/30/2009 REGULATORY COMPLIANCE TECH NAME (PLEASE PRINT) en Small 5/5/2009 DATE SIGNATURE

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RECEIVED MAY 1 2 2009

4/1/2009 - 4/30/2009 Report run on 5/5/2009 at 1:57 PM

Riverbend Unit 18-15E

4/2/2009

SICP 0 psig. MIRU HES and Perf O Log WLU. Held safety mtg & PT all surface lines to 7,500 psig, held gd. BD MV stg #1 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8613'- 8652' w/1,350 gals of 7-1/2% NEFE HCL ac and 70 Bio-balls dwn 5-1/2" csg. Good BA. Balled out Max TP 6000 psig. ISIP 2,725 psig. Surged balls off perfs, wait 5". Fracd MV stg #1 perfs fr/8,613'-8,652' dwn 5-1/2" csg w/68,379 gals 55Q N2 foam gelled 2% KCl wtr + additives (Delta-R Foam Frac) carrying 101,000# Premium White 20/40 sd, coated w/Expedite Lite. Flushed frac w/199 bls 2% KCL wtr & 500 gals 7-1/2% HCl w/acid spotted across next perf interval. Max DH sd conc 3.5 ppg. ISIP 3451 psig, 5" SIP 3339 psig. Used 1.580 MSCF of N2. AIR 38.5 BPM (foam). ATP 5730 psig. 1,890 BLWTR. RIH & set 6K CBP @ 8570. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csq guns loaded w/Titan EXP-3323-361T, 22.7 gm chrqs. Perf MV stage #2 intv fr/8537-41', 8543-46', 8549-52', & 8555-59' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.6 pene., 32 holes). POH & LD perf guns. BD MV stq #2 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,537-8,559' w/1,100 gals of 7-1/2% NEFE HCL ac and 48 Bio-balls dwn 5-1/2" csq. Good BA. Balled Out. Max TP 6300 psig. ISIP 3344 psig, surge balls off perfs, wait 5". Fracd MV stg #2 perfs fr/8,537'-8,559', dwn 5-1/2" csg w/45,847 gals 55Q N2 foam gelled 2% KCl wtr + additives (Delta-R Foam Frac) carrying 75,500# Premium White 20/40 sd, coated w/Expedite Lite. Flushed frac w/198 bls 2% KCL wtr & 500 gals 7-1/2%HCl w/acid spotted across next perf interval. Max DH sd conc 3.2 ppg. ISIP 3,839 psig, 5" SIP 3,310 psig. Used 856 MSCF of N2. AIR 34.9 BPM (foam). ATP 5,662 psig. 1,556 BLWTR. RIH & set 6K CBP @ 8510'. PT plg to 6,000 psiq, qd tst. RIH w/3-1/8" csg quns loaded w/Titan EXP-3323-361T, 22.7 qm chrgs. Perf MV stage #3 intv fr/8474-82', 8484-90', & 8496-8502' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 32 holes). POH & LD perf guns. SEE REMARKS # 2

BD MV stg #3 perfs w/2% KCL wtr and EIR. A. MV perfs fr/8,474'-8,502' w/1,000 gals of 7-1/2% NEFE HCL ac and 65 Bio-balls dwn 5-1/2" csg. Good BA. Balled out. Max TP 6,000 psig. ISIP 3,514 psig. Surge balls off perfs, wait 5 mins. Started pad when Blender had brk dwn. SWIFN. Wait on replacement blender from Vernal yard. 3796 BLWTR ttl

Fluid Type							Fluid Summary					
Completions Fluid 0 3796.00024414063 0 0 0 0 0 0 0 0 0		Fluid	Time		From Well		_			rom Leage	To Leage	
Description Date OD (in) Top (ftKB)	Comp			0	210m Meii	3796.0	-			TOM Dease		
Description Date OD (in) Top (ftKB)												
5-1/2" Frac Plug Stimulations and Treatments Date Frac # Type Stim/Treat Company Avg Treat Pres Rate Pres 4/2/2009 2 N2 Energized Frac Halliburton Energy Services 5662.00 8548.00 5954.00 Inst. Shut-In Pres 5 Min 10 Min 15 Min Propant Designed Proppant In Forma 3839.00 3270.00 3250.00 74990.00 75000.00 Stage Type Fluid Name Fluid Type Rate Avg Tubing Pres. Casing Pres. Clean Vol C NEFE Acid NEFE Acid 0.00 0.00 0.00 32.							Other In Hole	s				
Stimulations and Treatments Stimulations and Treatments Date Frac # Type Stim/Treat Company Avg Treat Avg Treat Max Treat Pres Rate Pres Pres Rate Pres Pres Rate Propant In Forma Propant In Forma Propant In Forma Pres Pres Rate Pres Pres Rate Pres					Description	1			Date	OD (in)	Top (ftKB)	Bottom (ftKB)
Stimulations and Treatments Stimulations and Treatments Stimulations and Treatments Stimulations and Treatments Stim/Treat Company Avg Treat Avg Treat Max Treat Pres Rate Pres Rate Pres Pres Rate Pres Pres Rate Pres Pres Rate Pres	5-1/	2" Frac	Plug						4/2/2009	4.890	8510.00	8513.00
Stimulations and Treatments Stimulations and Treatments Avg Treat Avg Treat Max Treat Avg									4/2/2009	4.890	8570.00	8573.00
Date Frac # Type Stim/Treat Company Avg Treat Avg Treat Max Treat Pres Rate Propant Propant Propant In Forma Rate Propant Propant Propant In Forma Rate Propant Prop												
Acid 7 1/28 HCL Acid NEFE Acid Preflush Slick Water Frac Gel 0.00 0.00 0.00 109.00 109.00 330.00 320.00 330.00 320.												
Inst. Shut-In Pres	Da	ate	Frac #		Туре	St	tim/Treat Company	•				Max Trea Rate
Inst. Shut-In Pres	4/2/	2009	2	N2 Energ	ized Frac	Hallibu	rton Energy Serv	ices	5662.00	8548.00	5954.00	37.00
Stage Type Fluid Name Fluid Type Rate Avg Tubing Pres. Casing Pres. Clean Vol C. 1 Acid 7 1/2% HCL Acid 0.00 0.00 0.00 32.00 3 2 Preflush Slick Water Frac Gel 0.00 0.00 0.00 166.00 1 3 Pad Delta R Foam Frac Gel - 0.00 0.00 0.00 109.00 3		Inst.	Shut-In Pre	s	5 Min				Propant	Designed	Proppant In Fo	rmation
1 Acid 7 1/2% HCL Acid 0.00 0.00 0.00 32.00 3 3 NEFE Acid	3839	.00			3310.00	3270.00	3250.00	7499	-	-		
NEFE Acid 2 Preflush Slick Water Frac Gel 0.00 0.00 0.00 166.00 1 3 Pad Delta R Foam Frac Gel - 0.00 0.00 0.00 109.00 3		Stage	T	<i>т</i> ре	Fluid Name	Fluid Type	Rate Avg	Tubi	ng Pres.	Casing Pres.	Clean Vol	Clean Vol
3 Pad Delta R Foam Frac Gel - 0.00 0.00 0.00 109.00 3	1		Acid			Acid	0.00	0.00		0.00	32.00	32.00
3 Pad Delta R Foam Frac Gel - 0.00 0.00 0.00 109.00 3	2		Preflu	sh	Slick Water	Frac Gel	0.00	0.00		0.00	166.00	198.00
13)	3		Pad		Delta R Foam	18-20# (V-	0.00	0.00		0.00	109.00	307.00

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4	0.5 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	41.00	348.00
5	1 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	42.00	390.00
6	2 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	98.00	488.00
7	3 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	219.00	707.00
8	Flush	Slick Water	Frac Gel	0.00	0.00	0.00	206.00	913.00
Date	Frac #	Type	st	im/Treat Company	Avg Tı Pre			Max Treat Rate
4/2/2009	1 N2 Energ	ized Frac	Hallibu	rton Energy Service	ces 5730.00	8632.00	5876.00	44.20
Inst.	Shut-In Pres	5 Min	10 Min	15 Min	Propant	Designed	Proppant In For	mation
3451.00		3339.00	3272.00	3250.00	99993.99		101000.00	
Stage	Туре	Fluid Name	Fluid Type	Rate Avg	Tubing Pres.	Casing Pres.	Clean Vol	Clean Vol (Cum)
1	Acid	7 1/2% HCL NEFE Acid	Acid	3961.00	0.00	0.00	32.00	32.00
2	Preflush	Slick Water	Frac Gel	0.00	0.00	0.00	204.00	236.00
3	Pad	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	254.00	490.00
4	0.5 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	54.00	544.00
5	1 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	55.00	599.00
6	2 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	128.00	727.00
7	3 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	299.00	1026.00
			13)					

4/3/2009

Fracd MV stg #3 perfs fr/8,474' - 8,502' dwn 5-1/2" csg w/43,538 gals 55Q N2 foam gelled 2% KCl wtr + additives (Delta-R Foam Frac) carrying 64,600# Premium White 20/40 sd, coated w/Expedite Lite. Flshd frac w/199 bls 2% KCL wtr & 500 gals 7-1/2% HCl w/ac spotted across next perf interval. Max DH sd conc 3.5 ppg. ISIP 4271 psig, 5" SIP 4120 psig. Used .762 MSCF of N2. AIR 34.4 BPM (foam). ATP 5755 psig. 1,480 BLWTR. RIH & set 6K CBP @ 8300'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf MV stage #4 intv fr/7872' - 76', 7972' - 7976', 7979' - 86', 7990' - 93' & 8196' - 8199' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.6 pene., 47 holes). POH & LD perf guns. BD MV stg #4 perfs w/2% KCL wtr and EIR. A. MV perfs fr/7,872' - 8,199' w/1,350 gals of 7-1/2% NEFE HCL ac and 71 Bio-balls dwn 5-1/2" csg. Gd BA. Balled Out. Max TP 6300 psig. ISIP 1915 psig, surge balls off perfs, wait 5". Fracd MV stg #4 perfs fr/7,872' - 8,199', dwn 5-1/2" csg w/64,864 gals 55Q N2 foam gelled 2% KCl wtr + additives (Delta-R Foam Frac) carrying 101,252# Premium White 20/40 sd, coated w/Expedite Lite. Flshd frac w/182 bls 2% KCL wtr & 500 gals 7-1/2% HCl w/ac spotted across next perf interval. Max DH sd conc 3.2 ppg. ISIP 2,851 psig, 5" SIP 2,848 psig. Used 1.389 MSCF of N2. AIR 43.1 BPM (foam). ATP 4,728 psig. 1,980 BLWTR. RIH & set 6K CBP @ 7200'. PT plg to 6,000 psig, gd tst. SEE REMARKS #2 RIH & set 6K CBP @ 7200'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg quns loaded w/Titan EXP-3323-361T, 22.7 qm chrgs. Perf WA stage #5 intv

fr/7075' - 78' & 7156' - 62' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63"

pene., 20 holes). POH & LD perf guns.BD MV stg #5 perfs w/2% KCL wtr and EIR. A. WA perfs fr/7,075' - 7,162' w/1,350 gals of 7-1/2% NEFE HCL ac and 30 Bio-balls dwn 5-1/2" csg. Gd BA. Balled Out. Max TP 6300 psig. ISIP 2435 psig, surge balls off perfs, 161 BLWTR. SWI & SDFWE.

		Fluid Summa	ary		
Fluid Type	From Well	To Well	Fro	m Lease To	Lease
Completions Fluid		3621	0	0	

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				Other In Holes					
		Description	n	other in notes		Date	OD (in)	Top (ftKB)	Bottom (ftKB)
5-1/2" Frac	: Plug					4/3/2009	4.890	7200.00	7203.00
5-1/2" Frac						4/3/2009	4.890	8300.00	8303.00
Date	Frac #	Туре		mulations and Tre	atments	Avg Treat	Avg Trea	at Max Treat	Max Treat
Date	FIAC W	rype	50	.III/ II dat Company		Pres	Rate	Pres	Rate
4/3/2009 Inst.	4 N2 Energ Shut-In Pres	ized Frac 5 Min	Hallibu 10 Min	rton Energy Servi 15 Min	ces	4728.00 Propant Design	8036.00 med	5215.00 Proppant In For	47.00 mation
2851.00		2845.00	2825.00	2800.00	100499	9.00		101252.00	
Stage	Туре	Fluid Name	Fluid Type	Rate Avg	Tubin	g Pres. Cas	sing Pres.	Clean Vol	Clean Vol (Cum)
1	Acid	7 1/2% HCL NEFE Acid	Acid	0.00	0.00	0.0	0	32.00	32.00
2	Preflush	Slick Water	Frac Gel	0.00	0.00	0.0	0	171.00	203.00
3	Pad	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	148.00	351.00
4	0.5 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	59.00	410.00
5	1 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	52.00	462.00
6	2 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	133.00	595.00
7	3 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	290.00	885.00
8	Flush	Slick Water	Frac Gel	0.00	0.00	0.0	0	193.00	1078.00
Date	Frac #	Type	st	im/Treat Company		Avg Treat Pres	Avg Trea	at Max Treat Pres	Max Treat Rate
4/3/2009	3 N2 Energ	ized Frac	Hallibu	rton Energy Servi	Ces	5755.00	8488.00	6379.00	41.00
Inst.		5 Min	10 Min	15 Min		Propant Desig		Proppant In For	
4271.00		4120.00	4038.00	4000.00	64000.	.00		64600.00	
Stage	Type	Fluid Name	Fluid Type	Rate Avg	Tubin	g Pres. Cas	ing Pres.	Clean Vol	Clean Vol (Cum)
1	Acid	7 1/2% HCL NEFE Acid	Acid	0.00	0.00	0.0	0	32.00	32.00
2	Preflush	Slick Water	Frac Gel	0.00	0.00	0.0	0	190.00	222.00
3	Pad	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	226.00	448.00
4	0.5 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	35.00	483.00
5	1 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	36.00	519.00
6	2 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	84.00	603.00
7	3 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.0	0	190.00	793.00
8	Flush	Slick Water	Frac Gel	0.00	0.00	0.0	0	206.00	999.00

4/1/2009 - 4/30/2009 Report run on 5/5/2009 at 1:57 PM

4/6/2009

Fracd WA stq #5 perfs fr/7,075'-7,162' dwn 5-1/2" csq w/21,622 gals 700 N2 foam gelled 2% KCl wtr + additives (Delta-R Foam Frac) carrying 38,800# Premium White 20/40 sd, coated w/Expedite Lite. Flushed frac w/164 bls 2% KCL wtr & 500 gals 7-1/2% HCl w/acid spotted across next perf interval. Max DH sd conc 3.5 ppg. ISIP 2931 psig, 5" SIP 2724 psig. Used .380 MSCF of N2. AIR 27.2 BPM (foam). ATP 4157 psig. 1319 BLWTR. RIH & set 6K CBP @ 6550'. PT plg to 6,000 psig, gd tst. RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf WA stage #6 intv fr/6328-40', & 6506-15' w/2 JSPF (120 deg phasing, 0.36" EHD, 35.6 pene., 44 holes). POH & LD perf guns. BD WA stg #6 perfs w/2% KCL wtr and EIR. A. MV perfs fr/6,328'-6,515' w/1,350 gals of 7-1/2% NEFE HCL ac and 66 Bio-balls dwn 5-1/2" csg. No BA. Max TP 1550 psig. ISIP 1420 psig, surge balls off perfs, wait 5". Fracd WA stg #6 perfs fr/6,328'-6,515', dwn 5-1/2" csg w/28,088 gals 70Q N2 foam gelled 2%KCl wtr + additives (Delta-R Foam Frac) carrying 50,700# Premium White 20/40 sd, coated w/Expedite Lite. Flushed frac w/146 bls 2% KCL wtr & 500 gals 7-1/2% HCl w/acid spotted across next perf interval. Max DH sd conc 4.5 ppg. ISIP 1945 psig, 5" SIP 1829 psig. Used .672 MSCF of N2. AIR 42.9 BPM (foam). ATP 3550 psig. 1062 BLWTR. RIH & set 6K CBP @ 6030'. PT plg to 6,000 psig, gd tst. SEE REMARKS #2 RIH w/3-1/8" csg guns loaded w/Titan EXP-3323-361T, 22.7 gm chrgs. Perf WA stage #7 intv fr/5862-66', & 5954-71', w/2 JSPF (120 deg phasing, 0.36" EHD, 35.63" pene., 44 holes). POH & LD perf guns.BD MV stg #7 perfs w/2% KCL wtr and EIR. A. WA perfs fr/5,862'-5,971', w/1,350 gals of 7-1/2% NEFE HCL ac and 66 Bio-balls dwn 5-1/2" csg. Good BA. Balled Out. Max TP 6000 psig. ISIP NA.. surge balls off perfs, Fracd WA stg #7 perfs fr/5,862'-5,971', dwn 5-1/2" csg w/24,968 gals 70Q N2 foam gelled 2% KCl wtr + additives (Delta-R Foam Frac) carrying 44,400# Premium White 20/40 sd, coated w/Expedite Lite. Flushed frac w/142 bls 2% KCL wtr. Max DH sd conc 4.2 ppg. ISIP 1184 psig, 5" SIP 898 psig. Used .411 MSCF of N2. AIR 42.1 BPM (foam). ATP 3053 psig. 923 BLWTR. RIH & set 6K CBP @ 5800'. 10, 721 BLWTR ttl 7 stages. Suspend reports till futher activty.

Fluid Completions		From Well	3304.	Fluid Summary To Well 00024414063		E	rom Lease	To Lease	
				Other In Holes					
		Description		0001 1 1.010.	•	Date	OD (in)	Top (ftKB)	Bottom
									(ftKB)
5-1/2" Frac	•					4/6/2009	4.890 4.890	6030.00	6033.00
5-1/2" Frac	Plug					4/6/2009	4.890	6550.00	6553.00
			Sti	mulations and Tre	atments				
Date	Frac #	Type	s	tim/Treat Company		Avg Tr		at Max Treat Pres	Max Treat Rate
4/6/2009	7 N2 En	ergized Frac	Hallib	urton Energy Servi	ces	3053.00	5917.00	3358.00	44.00
	Shut-In Pres	5 Min	10 Min	15 Min			Designed	Proppant In For	mation
1184.00		898.00	698.00	505.00	40071			44400.00	
Stage	Туре	Fluid Name	Fluid Type	Rate Avg	Tubir	ng Pres.	Casing Pres.	Clean Vol	Clean Vol (Cum)
1	Acid	7 1/2% HCL NEFE Acid	Acid	0.00	0.00		518.00	32.00	32.00
2	Preflush	Slick Water	Frac Gel	0.00	0.00		0.00	146.00	178.00
3	Pad	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00		0.00	141.00	319.00
4	1 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00		0.00	15.00	334.00
5	2 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00		0.00	16.00	350.00
6	3 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00		0.00	65.00	415.00
7	4 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00		0.00	35.00	450.00
8	Flush	Slick Water	Frac Gel	0.00	0.00		0.00	142.00	592.00
Date	Frac #	Туре	s	tim/Treat Company		Avg Tres		at Max Treat Pres	Max Treat Rate

4/1/2009 - 4/30/2009 Report run on 5/5/2009 at 1:57 PM

4/6/2009 Inst.	6 N2 Energian Shut-In Pres	gized Frac 5 Min	Hallibu 10 Min	rton Energy Servic		60.00 6422.00 opant Designed	3842.00 Proppant In For	50.00
1945.00		1829.00	1688.00	1600.00	50073.00		50700.00	
Stage	Type	Fluid Name	Fluid Type	Rate Avg	Tubing P	res. Casing Pres.	Clean Vol	Clean Vol (Cum)
1	Acid	7 1/2% HCL NEFE Acid	Acid	0.00	0.00	117.00	32.00	32.00
2	Preflush	Slick Water	Frac Gel	0.00	0.00	0.00	185.00	217.00
3	Pad	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	52.00	269,00
4	1 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	19.00	288.00
5	2 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	20.00	308.00
6	3 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	81.00	389.00
7	4 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	28.00	417.00
8	Flush	Slick Water	Frac Gel	0.00	0.00	0.00	156.00	573.00
Date	Frac #	Type	St	im/Treat Company	A	vg Treat Avg Tre		Max Treat
						Pres Rate	Pres	Rate
4/6/2009	5 N2 Energy Shut-In Pres	gized Frac 5 Min	Hallibui 10 Min	ton Energy Servic		7119.00 7119.00	4534.00 Proppant In For	29.30
2931.00	Snut-In Pres	2724.00	2541.00	2450.00	37999.00	opant Designed	38800.00	ma cion
Stage	Туре	Fluid Name	Fluid Type	Rate Avg	Tubing P	res. Casing Pres.	Clean Vol	Clean Vol
1	Acid	7 1/2% HCL NEFE Acid	Acid	0.00	0.00	671.00	32.00	32.00
2	Preflush	Slick Water	Frac Gel	0.00	0.00	0.00	161.00	193.00
3	Pad	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	1684.00	1877.00
4	1 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	614.00	2491.00
5	2 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	626.00	3117.00
6	3 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	2594.00	5711.00
7	4 PPG Sand	Delta R Foam	Frac Gel - 18-20# (V- 13)	0.00	0.00	0.00	995.00	6706.00
8	Flush	Slick Water	Frac Gel	0.00	0.00	0.00	175.00	6881.00

STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING	5. LEASE DESIGNATION AND SERIAL NUMBER: U-013766
SUNDRY NOTICES AND REPORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: RIVERBEND UNIT
1. TYPE OF WELL OIL WELL GAS WELL OTHER	8. WELL NAME and NUMBER: RBU 18-15E
2. NAME OF OPERATOR:	9. API NUMBER:
XTO ENERGY INC. 3. ADDRESS OF OPERATOR: PHONE NUMBER:	4304738597 10. FIELD AND POOL, OR WILDCAT:
382 CR 3100 CITY AZTEC STATE NM ZIP 87410 (505) 333-3100	NATURAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 125' FNL x 1570' FWL	COUNTY: UINTAH
US (9E) QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NENW 19 10S 20E S	STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTION	
NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: CASING REPAIR CHANGE TO PREVIOUS PLANS DEEPEN FRACTURE TREAT NEW CONSTRUCTION OPERATOR CHANGE	REPERFORATE CURRENT FORMATION SIDETRACK TO REPAIR WELL TEMPORARILY ABANDON TUBING REPAIR
CHANGE TUBING PLUG AND ABANDON SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: 5/31/2009 CONVERT WELL TYPE RECOMPLETE - DIFFERENT FORMATION	VENT OR FLARE WATER DISPOSAL WATER SHUT-OFF OTHER: May 09 MONTHLY REPORT
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volume XTO Energy Inc. has nothing to report on this well for the period of 5/1/2009 thru 5/31/2009	es, etc.
NAME (PLEASE PRINT) Eden Fine TITLE REGULATORY C	COMPLIANCE TECH
SIGNATURE	
This space for State use only)	ECEIVED

JUN 0 8 2009



UNITED STATES DEPARTMENT OF THE INTERIOR

		FORM APPROVED
DOGM	COP	OMB NO. 1004-0137

rnp	WMB NO. I	004-013
VVI	Expires July	31, 2010

BUREAU OF L	5. Lease Seria	ıl No.				
SUNDRY NOTICES	AND REPORTS	ON WELLS		U-013766		
Do not use this form for p abandoned well. Use Forn	6. If Indian, Allottee or Tribe Name					
SUBMIT IN TRIPLICAT	7. If Unit or CA/Agreement, Name and/or No.					
	2 00.70. 7.70.1.00			RIVERBEND	UNIT	
Type of Well Oil Well X Gas Well Other Name of Operator	8. Well Name and No. — RBU 18-15E					
XIO Energy Inc.				9. API Well N	Jo	
a, Address		3b. Phone No. (include are	ea code)	43-047-385		
382 CR 3100 Aztec, NM 87410		505-3	33-3100	10. Field and Pool, or Exploratory Area		
. Location of Well (Footage, Sec., T., R., M., or Survey L		NATURAL BUITES				
125' FNL & 1570' FWL NENW SEC	WASATCH-MESAVERDE					
	11. County o	r Parish, State				
				UINTAH	UTAH	
12. CHECK APPROPRIATE	BOX(ES) TO IN	DICATE NATURE OF N	OTICE, REP	ORT, OR OTH	ER DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION	ı		
Notice of Intent	Acidize	Deepen	Production	on (Start/Resume)	Water Shut-Off	
	Alter Casing	Fracture Treat	Reclama	lion	Well Integrity	
X Subsequent Report	Casing Repair	New Construction	Recomp	ete	X Other 1ST DELIVERY	
Final Abandonment Notice	Change Plans	Plug and Abandon	Tempora	rily Abandon		
Final Adamonnest Notice	Convert to Inject	ion Plug Back	Water D	isposal		
3. Describe Proposed or Completed Operation (clearly lift the proposal is to deepen directionally or recomposal Attach the Bond under which the work will be perfollowing completion of the involved operations. It testing has been completed. Final Abandonment I determined that the final site is ready for final inspection.	olete horizontally, give formed or provide the I the operation results Notices shall be filed o ction.)	subsurface locations and mea Bond No. on file with BLM in a multiple completion or r only after all requirements, in	sured and true v /BIA. Required ecompletion in a cluding reclamat	I subsequent report new interval, a lation, have been consistent of the consistency of th	orns shall be filed within 30 days form 3160-4 shall be filed once completed, and the operator has	

IFR 800 MCFPD.

XTO Allocation Meter # RS1667RF

I hereby certify that the foregoing is true and correct Name (Printed/Typed)		
BARBARA A. NICOL	Title REGULATORY CLER	ek
Signature Barbara a- Nical	Date 6/29/2009	
THIS SPACE FOR FEDERAL	OR STATE OFFICE USE	
Approved by	Title	RECEIVED
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	JUN 2 9 2009



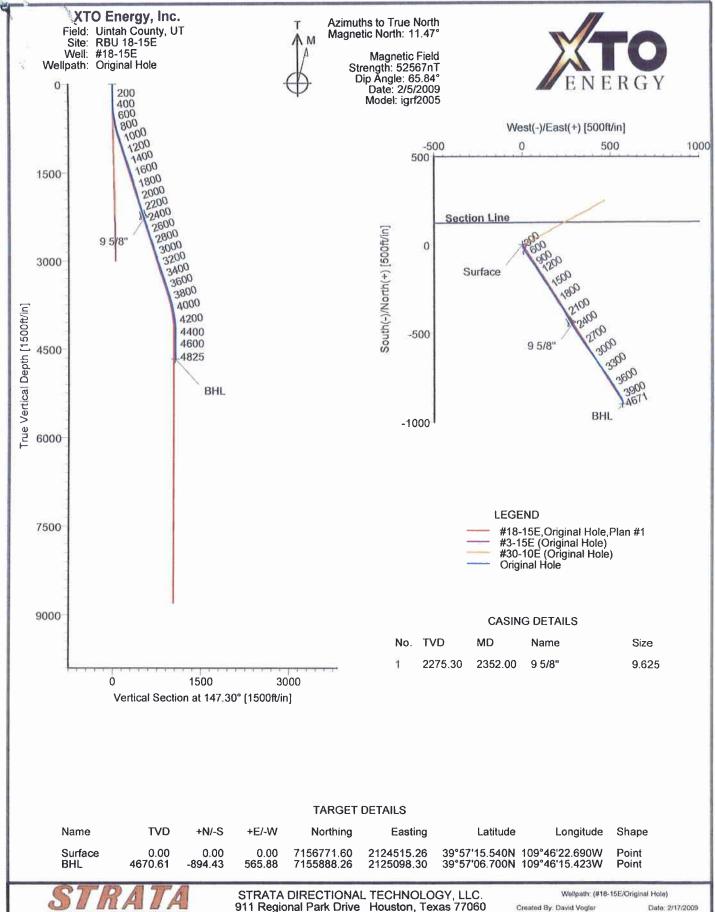
UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

DOGM COPY

FORM APPROVED OMB NO. 1004-0137 Expires July 31, 2010

	WELL COMPLETION OR RECOMPLETION REPORT AND LOG											. Lease Seria U-01376		
la. Type	of Well	☐ Oil We	ell 🗶 Gas V	Vell \square	Dry .	Other					6			r Tribe Name
b. Type	of Completion:	_	New Well		k Over ┌	7 Deepen	Г	Plug Back	Гηр	iff.Resv	r,.	N/A		
54-			her						<u> </u>		_ '	. Unit or CA	_	ment Name and No.
2. Name o	of Operator										8	. Lease Name		
	ergy Inc.						120	Dhana Na /	in alada		/ a)	RBU 18-	15E	
3. Addres			v 07410				- 1	Phone No. ($^{(ae)}$ $\boxed{9}$. API Well N		
382 CR 4. Location	on of Well (Rep	ort locatio	M 87410 on clearly and	in accorde	ance with	Federal red	quirem	305-3	33-31	.00	 -	43-047- Field and P		
At surfa	on of Well (Reported 125 125	PNL & 1	L,570' FW.	· [nec	EN	JED				NATURAL	BUIT	TES/WSTC-MVRD
			•		Mary Commen	Hr.	ac	. 2009			11	.Sec., T., R. Survey or A	, M., oi Area	Block and
At top p	rod. interval rep	ported bel	ow		*	UL	F 11 1) ^{[-}	ыG			NENW SE	C 15-	T10S-R19E SLB&A
At total		(a	& 2,136'		į	,	("42 8 MIIA	180		- 1	. County or I	Parish	13. State
14. Date S			& 2,136 te T.D. Read			MV OF	OIL,	per	<u> 1480</u>	rev	New U.	INTAH	/DE E	UT RKB, RT, GL)*
14. Date S	pudaed	13. Da	ile 1.D. Reaci	iea		Juo: Da	D & A	ipieted	Ready	to Proc	i. 17	. Elevations	S (Dr, r	(KB, KI, GL)*
10/2	2/2008	2/	/21/2009				6/25	5/2009	1		}	5,114 G	L	
	Depth: MD	8,9	יס50 י	. Plug Bac			8,8	80'	20. I	Depth B	ridge Plu	-		
	TVD	870				TVD	87:	26	 			TV	/D	
21. Type I	Electric & Othe	r Mechani	ical Logs Run	(Submit co	opy of eac	sh)				as well c		X No	==	res (Submit analysis)
חק סד	HCECP, PELR	ייישם מ.זי	DIONIDET.	CN LIDT.	CB/CB	/cct.			ı	as DST :	run 1 Survey?	X No	==	Yes (Submit report Yes (Submit copy)
	and Liner Rec				1, CD/ G	- 					- Guivey:	<u> </u>		res (sucinit copy)
Hole Size	Size/Grade	Wt.(#ft.)	Top (MD	Botton	n (MD)	Stage Cem		No.of Sk			y Vol.	Cement T	on*	Amount Pulled
20"	14"A252A	36.75		Depth Type of Cement (BBL)						(BBL)			Amount Funed	
 12-1/4"	9.6"J-55	36.00									SURF			
7-7/8"	5.5"N-80	17.00		8,9				971 35/6			SURF 630'			
7-1/8	3.3 N-80	17.00	# 0	- 8,9				3/1 35/0	JJEOZ			030		
								 						
			- 					 						
24. Tubing	g Record		!	·				1					I	
Size	Depth Set (MD) I	Packer Depth (N	(D)	Size	Depth Set	(MD)	Packer De	pth (MD)		Size	Depth Set ((MD)	Packer Depth (MD)
2-3/8"	8,524	•												
25. Produc	cing Intervals		,			26. Perfor								
	Formation	····	Тор		ttom			Interval		Size	^	lo. Holes	ļ	Perf. Status
	SATCH/MESA	VERDE	5,8621	8,6	552'	5,86	52' -	8,652'	- '	0.36"		266	 	OPEN
B)	· · · · · · · · · · · · · · · · · · ·											······································		
C)						····			_					
D)	D 4 70 4		L	<u></u>										
27. Açıa, ı	Fracture, Treatr Depth Interval	nent, Cem	ient Squeeze,	Etc.				Amount and	Time of l	Material		······································		
	52' - 8,652		Not di	70d 22/0	0E0 ~	21a 7-1	/2% N				14 22/2	97 306 ~	mla F	55Q/70Q foam
3,60	2' - 6,052	4.												Premium
														L wtr & 3,000
				7-1/2%			vheor	te mte.	FIUS	ilea w	/31,60	v gars z	NG NG	3 WCL & 3,000
28. Product	ion - Interval A		yars.	/-1/2·6	ncu ac									
Date First Produced /25/2009	Test Date 6/30/2009	Hours Tested 24	Test Production	Oil BBL 0	Gas MCF 903	Water BBL 55	Oil Gr Corr.		Gas Gravity]	Production	Method	FLOW.	TNC
Choke	Tbg. Press.	Csg.	24	Oil	Gas	Water	Gas:		Well Sta	us				
Size 22/64"	Flwg. SI 300	Press.	Hr.	BBL	MCF 903	BBL 55	Ratio	j				PRODU	تتلالثا	
	tion-Interval B	, 555	L	, ,	1 203	<u>., ., ., .</u>	<u> </u>				-	FINADO		
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gr Corr.		Gas Gravity	l	Production	Method		
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: (Well Stat	us			DO	OGM COPY

				7000					_		
8b. Product	ion - Interva	1 C		- 3			¥	,4		9	
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method		
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	Il Status		
28c. Produc	tion-Interval	ID .									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr, API	Gas Gravity			
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	Well Status		
29. Disposit	ion of Gas (Se	old, used for	fuel, vented, e	tc.)			TO BE S	OLD			
Show al	l important zo g depth interv	nes of porosit	ude Aquifers) y and contents t ion used, time t	hereof: C	ored interval flowing and	s and all dri shut-in press	ill-stem tests, sures and	31. Format	ion (Log) Markers	•	
Forma	ition	Тор	Bottom		Desci	riptions, Co	ontents, etc.		Name	Top Meas.Depth	
								GREEN R	 IVER	1,328	
								MAHOGEN		2,174	
	1							WASATCH		4,380	
									LIMESTONE	4,746	
				ŀ				WASATCH		4,915	
								CHAPITA		5,743	
				-				UTELAND		7,024	
								MESAVER		7,024	
								TOTAL D		8,943	
				: 1							
32. Additio	onal remarks	(include plu	gging procedu	ıre):							
Elect	trical/Mecha	nical Logs (1	ttached by plate it in the second it is)	Geo	appropriate logic Repo e Analysis		*	tional Survey		
34. I hereb	by certify tha	t the foregoi	ng and attache	ed inform	ation is cor	mplete and	correct as deter	nined from all avail	able records (see attached	instructions)*	
Name (p	please print)	WANET	MCCAULE	Y		_		Title REGULA	ORY CLERK		
Signatu	re 1	ans	1	N	100	au	lly	Date	009	· =	
					_						
							ne for any personatter within its in		illfully to make to any dep	partment or agency of the Unite	





- 1 1

Phone: 713-934-9600 Fax: 713-934-9067

Checked

Date

Strata Directional Technology, LLC.

Survey Report

XTO Energy, Inc. Company: Uintah County, UT Field: **RBU 18-15E** Site: Well: #18-15E Original Hole Wellpath:

2/17/2009 Date: Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Time: 08:30:06 Well: #18-15E, True North 5114'GL + 22"KB 5136.0 Well (0.00N,0.00E,147.30Azi)

Db: Sybase Minimum Curvature

Page:

Field:

Uintah County, UT

Map System: US State Plane Coordinate System 1983

Geo Datum: GRS 1980 Sys Datum: Mean Sea Level Map Zone: Coordinate System: Geomagnetic Model:

Grid Convergence:

Stot Name:

Drilled From:

Utah, Central Zone Well Centre igrf2005

Site:

RBU 18-15E

Site Position: From: Geographic Position Uncertainty: Ground Level:

Northing: Easting:

7156771.60 ft 2124515.26 ft

39 Latitude: Longitude: 109 North Reference:

57 15.540 N 22.690 W 46

True 1.11 deg

#18-15E Well:

+N/-S Well Position:

0.00 ft Northing: 0.00 ft

7156771.60 ft Latitude: 2124515.26 ft

39 57 15.540 N 22.690 W 46 109

Position Uncertainty:

Field Strength:

Vertical Section:

0.00 ft

5114.00 ft

Longitude:

Wellpath: Original Hole Current Datum: Height 5136.00 ft 5114'GL + 22"KB Magnetic Data: 2/5/2009

52567 nT

+N/-S

Tie-on Depth: **Above System Datum:** Declination: Mag Dip Angle: +E/-W

0

0.00 ft Mean Sea Level 11.47 deg 65.84 deg Direction

Depth From (TVD) ft deg ft 0.00 0.00 147.30

Survey Program for Definitive Wellpath Date: 2/17/2009 Validated: No

To Actual From ft ft

Survey

ft 0.00

> Version: Toolcode

Tool Name

Survey #2 (195.00-4780.00) Survey #3 (4825.00-4825.00) 4780.00 MWD Std MWD 195.00 4825.00 4825.00 Project Projection

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS \ deg/100ft	Build deg/100f	Turn t deg/100ft	Tool/Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	TIE LINE
109.00	1.00	180.00	108.99	-0.95	0.00	0.80	0.92	0.92	0.00	MWD
195.00	0.30	206.00	194.99	-1.90	-0.10	1.55	0.86	-0.81	30.23	MWD
225.00	0.90	222.00	224.99	-2.15	-0.29	1.65	2.06	2.00	53.33	MWD
286.00	0.90	257.20	285.98	-2.61	-1.08	1.62	0.89	0.00	57.70	MWD
317.00	0.80	214.60	316.98	-2.84	-1.44	1.62	2.01	-0.32	-137.42	MWD
346.00	1.30	188.00	345.97	-3.34	-1.60	1.94	2.36	1.72	-91.72	MWD
408.00	4.00	167.70	407.90	-6.15	-1.24	4.50	4.54	4.35	-32.74	MWD
468.00	5.80	160.90	467.68	-11.06	0.20	9.41	3.15	3.00	-11.33	MWD
529.00	7.30	157.50	528.28	-17.55	2.69	16.22	2.54	2.46	-5.57	MWD
586.00	9.40	151.00	584.67	-24.97	6.34	24.43	4.03	3.68	-11.40	MWD
647.00	11.00	150,30	644.71	-34.38	11.63	35.22	2.63	2.62	-1.15	MWD
708.00	12.40	149.30	704.44	-45.07	17.86	47.57	2.32	2.30	-1.64	MWD
768.00	14.90	147.90	762.74	-57.14	25.25	61.73	4.20	4.17	-2.33	MWD
829.00	16.70	146.10	821.43	-71.06	34.31	78.33	3.06	2.95	-2.95	MWD
890.00	17.80	145.20	879.69	-85.99	44.52	96.42	1.86	1.80	-1.48	MWD
951.00	17.80	143.20	937.77	-101.12	55.42	115.03	1.00	0.00	-3.28	MWD
1042.00	18.40	148.40	1024.27	-124.49	71.28	143.27	1.89	0.66	5.71	MWD
1103.00	17.70	147.00	1082.27	-140.46	81.38	162.17	1.35	-1.15	-2.30	MWD
1197.00	18.30	148.20	1171.67	-164.99	96.94	191.21	0.75	0.64	1.28	MWD
1261.00	17.80	146.60	1232.52	-181.70	107.62	211.04	1.10	-0.78	-2.50	MWD
1356.00	18.40	147.00	1322.82	-206.40	123.78	240.55	0.64	0.63	0.42	MWD

Strata Directional Technology, LLC. **Survey Report**

Company: XTO Energy, Inc. Field: Uintah County, UT Site: RBU 18-15E Well: #18-15E

Date: 2/17/2009

Page:

Wellpath: Original Hole

Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Time: 08:30:06 P2: Well: #18-15E, True North 5114'GL + 22"KB 5136.0 Well (0.00N,0.00E,147.30Azi)

Minimum Curvature

Db: Sybase

MD	Incl	Azim	TVD	+N/-S	+E/-W	VS	DLS	Build	Turn	Tool/Comment
ft	deg	deg	ft	ft	ft	ft	deg/100ft	deg/100ft	ueg/100ft	
420.00	18.70	146.30	1383.49	-223.40	134.97	260.91	0.58	0.47	-1.09	MWD
484.00	19.20	146.20	1444.02	-240.68	146.52	281.69	0.78	0.78	-0.16	MWD
547.00	18.80	146.30	1503.59	-257.74	157.91	302.20	0.64	-0.63	0.16	MWD
044.00	47.00	440.40	1504:40	-274.35	168.64	321.97	2.65	-2.50	2.81	MWD
611.00	17.20	148.10	1564.46		178.29	340.47	1.31	-1.25	1.41	MWD
675.00	16.40	149.00	1625.73	-290.13				0.00		MWD
737.00	16.40	146.60	1685.20	-304.94	187.62	357.97	1.09		-3.87	
00.008	16.20	146.70	1745.67	-319.71	197.34	375.65	0.32	-0.32	0.16	MWD
864.00	15.70	145.20	1807.21	-334.28	207.18	393.23	1.01	-0.78	-2.34	MWD
927.00	15.60	145.20	1867,87	-348.24	216.88	410.21	0.16	-0.16	0.00	MWD
959.00	16.40	147.20	1898.63	-355.57	221.78	419.03	3.04	2.50	6.25	MWD
021.00	15.40	148.20	1958.26	-369.92	230.86	436.01	1.67	-1.61	1.61	MWD
117.00	16.90	150.10	2050.47	-392.85	244.54	462.70	1.66	1.56	1.98	MWD
	17.00	150.10	2111.69	-409.03	253.84	481.33	0.16	0.16	0.00	MWD
181.00	17.00	100.10	2111.09	- -1 03.03	200,0 4	701.00	0.10	0.10	0.00	.,,,,,,
213.00	16.10	147.90	2142.36	-416.84	258.53	490.44	3.43	-2.81	-6.87	MWD
309.00	17.40	148.60	2234.29	-440.37	273.08	518.11	1.37	1.35	0.73	MWD
352.00	17.61	148.85	2275.30	-451.42	279.79	531.03	0.51	0.48	0.58	9 5/8"
433.00	18.00	149.30	2352.42	-472.67	292.52	555.79	0.51	0.48	0.56	MWD
497.00	17.70	146.00	2413.34	-489.24	303.01	575.40	1.65	-0.47	-5,16	MWD
592.00	17.90	146.00	2503.79	-513.32	319.25	604.43	0.21	0.21	0.00	MWD
	17.80	145.70	2595.17	-513.32 -537.67	335.77	633.85	0.14	-0.10	-0.31	MWD
688.00					352.29	663.43		0.74	0.74	MWD
783.00	18.50	146.40	2685.44	-562.22			0.77			MWD
877.00	17.20	143.30	2774.92	-585.78	368.85	692.21	1.71	-1.38	-3.30	
972.00	17.10	142.40	2865.69	-608.11	385.77	720.14	0.30	-0.11	-0.95	MWD
068.00	18.30	143.90	2957.15	-631.47	403.26	749.25	1.34	1.25	1.56	MWD
163.00	18.30	145.10	3047.34	-655.76	420.58	779.04	0.40	0.00	1.26	MWD
227.00	18.10	144.50	3108.14	-672.09	432.10	799.01	0.43	-0.31	-0.94	MWD
323.00	17.90	144.30	3199.44	-696.21	449.37	828.64	0.22	-0.21	-0.21	MWD
385.00	17.90	143.60	3258.44	-711.62	460.59	847.66	0.35	0.00	-1.13	MWD
470.00	47.70	444.00	0047.04	704.05	477.50	070.05		0.04	0.74	MAND
479.00	17.70	144.30	3347.94	-734.85	477.50	876.35	0.31	-0.21	0.74	MWD
574.00	18.10	146.90	3438.34	-758.94	493.98	905.53	0.94	0.42	2.74	MWD
670.00	17.20	147.70	3529.83	-783.43	509.71	934.63	0.97	-0.94	0.83	MWD
724.00	16.60	148.50	3581.49	-796.76	518.01	950.33	1.19	-1.11	1.48	MWD
797.00	15.90	147.70	3651.58	-814.10	528.80	970.75	1.01	-0.96	-1.10	MWD
893.00	14.10	146.60	3744.30	-834.98	542.27	995.60	1.90	-1.87	-1.15	MWD
955.00	12.80	146.30	3804.60	-847.00	550.23	1010.02	2.10	-2.10	-0.48	MWD
986.00	12.00	147.40	3834.88	-852.57	553.88	1016.67	2.69	-2.58	3.55	MWD
018.00	11.40	150.40	3866.21	-858.12	557.23	1023.16	2.67	-1.87	9.37	MWD
050.00	10.40	155.10	3897.63	-863.49	560.01	1029.18	4.18	-3.12	14.69	MWD
		450.00	0000 10	000 ==	F00 47	400 4 00	0 70	0.40	44.50	MANACO
082.00	9.40	158.80	3929.16	-868.55	562.17	1034.60	3.70	-3.12	11.56	MWD
114.00	8.50	160.70	3960.77	-873.22	563.90	1039.46	2.96	-2.81	5.94	MWD
176.00	6.80	162.30	4022.21	-881.04	566.53	1047.47	2.76	-2.74	2.58	MWD
209.00	5.90	162.90	4055.01	-884.52	567.62	1050.99	2.73	-2.73	1.82	MWD
240.00	5.20	165.30	4085.87	-887.40	568.44	1053.86	2.38	-2.26	7.74	MWD
272.00	4.40	170.60	4117.75	-890.02	569.01	1056.36	2.86	-2.50	16.56	MWD
305.00	3.20	175.10	4150.68	-892.18	569.30	1058.34	3.74	-3.64	13.64	MWD
336.00	1.80	184.50	4181.65	-893.53	569.33	1059.49	4.69	-4.52	30.32	MWD
400.00	0.60	331.50	4245.64	894.24	569.10	1059.96	3.63	-1.87	229.69	MWD
495.00	0.70	332.50	4340.64	-893.29	568.59	1058.89	0.11	0.11	1.05	MWD
						4050.40		0.50	50.40	AAVA/ID
590.00	0.20	282.70	4435.63	-892.74	568.16	1058.19	0.62	-0.53	-52.42	MWD
686.00	0.80	240.10	4531.63	-893.03	567.42	1058.04	0.69	0.62	-44.37	MWD
780.00	0.90	222.20	4625.62	-893.91	566.35	1058.20	0.30	0.11	-19.04	MWD
825.00	0.90	222.20	4670.61	-894.43	565.88	1058.38	0.00	0.00	0.00	BHL

Strata Directional Technology, LLC. **Survey Report**

Company: XTO Energy, Inc. Field: Uintah County, UT Site: RBU 18-15E Well: #18-15E

Date: 2/17/2009 Co-ordinate(NE) Reference: Vertical (TVD) Reference: Section (VS) Reference: Survey Calculation Method:

Time: 08:30:06 Page: Well: #18-15E, True North 5114'GL + 22"KB 5136.0 Well (0.00N,0.00E,147.30Azi) Minimum Curvature

Db: Sybase

Wellpath: Original Hole

Targets

Name	Description	n Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	< Latitude> Deg Min Sec	< Longitude> Deg Min Sec
Surface BHL			0.00 4670.61	0.00 -894.43	0.00 565.88	7156771.60 7155888.26		39 57 15.540 N 39 57 6.700 N	109 46 22.690 W 109 46 15.423 W

Casing Points

MD ft	TVD ft	Diameter in	Hole Size in	Name	
2352.00	2275.30	9.625	12.250	9 5/8"	
8948.73	0.00	5.500	7.875	5 1/2"	

		FORM 9					
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ	NG	5.LEASE DESIGNATION AND SERIAL NUMBER: U-013766				
	RY NOTICES AND REPORTS O	-	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:				
	sals to drill new wells, significantly deepen ex igged wells, or to drill horizontal laterals. Use		7.UNIT or CA AGREEMENT NAME: RIVER BEND				
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: RBU 18-15E				
2. NAME OF OPERATOR: XTO ENERGY INC			9. API NUMBER: 43047385970000				
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 8	7410 505 333-3159 Ext	PHONE NUMBER:	9. FIELD and POOL or WILDCAT: NATURAL BUTTES				
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0125 FNL 1570 FWL			COUNTY: UINTAH				
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NENW Section: 15	P, RANGE, MERIDIAN: Township: 10.0S Range: 19.0E Meridian: S		STATE: UTAH				
11. CHE	CK APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPORT,	OR OTHER DATA				
TYPE OF SUBMISSION		TYPE OF ACTION					
	ACIDIZE	ALTER CASING	☐ CASING REPAIR				
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME				
✓ SUBSEQUENT REPORT Date of Work Completion: 1/16/2010	☐ CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE				
	L DEEPEN L	FRACTURE TREAT	☐ NEW CONSTRUCTION				
_,,	☐ OPERATOR CHANGE	PLUG AND ABANDON	☐ PLUG BACK				
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE SIDETRACK TO REPAIR WELL	☐ RECOMPLETE DIFFERENT FORMATION ☐ TEMPORARY ABANDON				
	☐ TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL				
☐ DRILLING REPORT	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION				
Report Date:							
		·	'				
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. has put this well on a plunger lift: 1/6/2010: MIRU Production Logging Services SLU. SN @ 8522'. PU & RIH w/ 1.625" blind bo:Accepted by the tls. Tag fill @ 8880'. POH & LD tls. PU & RIH w/ 1.908" tbg broach to SN @ Utah Division of 8522'. No ti spots. POH & LD tls. PU & RIH w/ new Ferguson BHBS w/ chk Øil, Gas and Mining & chase to SN. RDMO Production Logging Services. RWTP @ 11:00 FOR RECORD ONLY 1/6/10. Rpts suspended until Lease Operator sets up computer to operate on plunger lift mode. No test data. 1/16/2010: Telemetry repaired their problems. Lease Operator dropd plngr and set up computer to operate on plunger lift mode. RWTP @ 12:00 p.m. 1/16/10. Final rpt. Test data to follow.							
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Compliance Tech					
SIGNATURE N/A		DATE 1/27/2010					